



**UNIVERSITY OF SRI JAYEWARDENEPURA**  
**FACULTY OF ENGINEERING**  
**NO 41, LUMBINI AVENUE, RATMALANA, SRI LANKA.**

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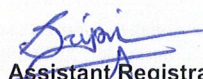
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**ACADEMIC TRANSCRIPT**

**Full Name** : MR. UDUWELAGE DON PASINDU DHANUSHKA UDUWELA  
**Registration No** : EN/91361/2017/2018  
**Date of Birth** : 17 August 1996

**Degree Awarded** : Bachelor of the Science of Engineering Honours  
**Field of Specialization** : Computer Engineering with Minor in Data Management  
**Date of Graduation** : 05 June 2023  
**Overall GPA** : 3.37  
**Academic Standard** : Second Class Honours (Upper Division)

This is a four year full time degree programme, conducted and evaluated in the English medium.

  
Assistant Registrar  
Faculty of Engineering  
For Registrar

**Assistant Registrar**  
**Faculty of Engineering**  
**University of Sri Jayewardenepura**

05 October 2023



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
Course Code	Course Name	Grade	GPA Credits	Non-GPA Credits
<b>Semester 1</b>				
CE1201	Properties of Materials	B	2	
CO1201	Introduction to Computer Systems	B	2	
EE1201	Electricity	B+	2	
IS1151	English for Communication	B+		1
IS1171	History of Science and Technology	B		1
IS1281	Engineering Measurements	A-	2	
IS1301	Engineering Mathematics I	A-	3	
ME1202	Introduction to Thermodynamics	B-	2	
ME1301	Engineering Mechanics	A-	3	
<b>Semester 2</b>				
CE1202	Introduction to Fluid Mechanics	C+	2	
CO1302	Programming for Engineers	B+	3	
EE1302	Electronics	A	3	
IS1152	Presentation Skills in English	A		1
IS1302	Engineering Mathematics II	C+	3	
ME1303	Basic Manufacturing Processes	B	3	
ME1304	Engineering Drawing	B+	3	
<b>Semester 3</b>				
CO2105	Field Visit	A	1	
CO2201	Data Structures and Algorithms	A-	2	
CO2202	Computer Organization	A-	2	
CO2203	Object Oriented Programming	B+	2	
CO2204	Data Communication	B	2	
EE2206	Circuit Theory	B+	2	
IS2202	Engineering Mathematics IV	B	2	
IS2261	Accounting for Engineers	C+	2	
IS2301	Engineering Mathematics III	B+	3	
<b>Semester 4</b>				
CO2206	Operating Systems	B+	2	
CO2208	Computer Networks	A-	2	
CO2209	Embedded Systems	B	2	
CO2210	Programming Quest	A-	2	
CO2307	Software Engineering	B	3	
IS2262	Economics and Management	A	2	
IS2303	Engineering Mathematics V	B+	3	
ME2208	Theory of Control Systems	B	2	
<b>Semester 5</b>				
CO3201	Database Systems	A	2	
CO3203	Computer Security	B+	2	
CO3251	Natural Language Processing	A	2	
CO3261	Cloud Computing and Applications	B	2	
CO3302	Computer Engineering Project	A	3	
CO3353	Data Mining	B	3	
IS3162	Intellectual Property	A		1

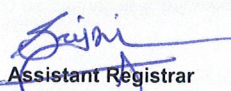


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Course Code	Course Name	Grade	GPA Credits	Non-GPA Credits
IS3171	Sri Lankan History and Culture	A		1
IS3202	Discrete Mathematics	A+	2	
IS3261	Quantitative Methods in Management	B		2
<b>Semester 6</b>				
CO3204	Robotic Design	B	2	
CO3205	Intelligent systems	B+	2	
CO3255	Information Security	C	2	
CO3256	Quality Engineering	A	2	
CO3265	Parallel Programming	A-	2	
CO3600	Industrial Training	PASS		6
IS3151	Technical Writing	A	1	
IS3175	Introduction to Philosophy	B+		1
IS3263	Industrial Law	B	2	
IS3264	Management for Engineers	B	2	
<b>Semester 7</b>				
CO3554	Data Management Project	A	5	
CO4203	Micro Controllers and Applications	A-	2	
CO4204	Computer Vision and Image Processing	B	2	
CO4301	Individual Research/Design Project	A+	3	
CO4352	Advanced Algorithms	A-	3	
IS3172	Ethnic Cohesion and Social Harmony	B		1
IS4161	Sustainability and Disaster Management	A-	1	
<b>Semester 8</b>				
CO4002	Engineering Project	B+	10	
CO4205	Compilers	B+	2	
CO4254	Machine Learning	B+	2	
CO4306	Software Architecture and Design	A-	3	
CO4353	Distributed Systems	B+	3	
IS4171	Ethics in Engineering	A-	1	
<b>Total Credits Earned</b>			<b>137</b>	<b>15</b>
<b>End of Academic Transcript</b>				

Prepared By: 

Checked By: 

  
Assistant Registrar  
Faculty of Engineering  
For Registrar

**Assistant Registrar**  
**Faculty of Engineering**  
**University of Sri Jayewardenepura**



## Grading System

Grade	Grade Point Value (GPV)	Implication
A+	4.00	Outstanding
A	4.00	Excellent
A-	3.70	
B+	3.30	Good
B	3.00	
B-	2.70	
C+	2.30	Satisfactory
C	2.00	
R		Referred and Re-sit the End Semester Examination (ESE)
F	Not Applicable	Failed and Repeat Course
L		Resume academic activities in the subsequent Academic Year

Any grade 'C' and above (GPV  $\geq 2.0$ ) is considered as a Pass grade.

Student re-sitting ESE or repeating a Course cannot secure a grade greater than 'C'.

## Criterion for Dean's List

A student who achieves an SGPA of 3.80 or higher, after successfully completing all Courses prescribed for the purpose of determining the Dean's list for a semester and have no act of indiscipline committed by him, will be recommended by the Board of Examiners to be included in the Dean's List.

## Requirement for Award of Class Honours

A student will be awarded the degree with Pass or Class Honours according to Grade Point Average as given below.

Grade Point Average (GPA)	Academic Standing
$3.00 > \text{GPA} \geq 2.00$	Pass
$3.30 > \text{GPA} \geq 3.00$	Second Class Honours (Lower Division)
$3.70 > \text{GPA} \geq 3.30$	Second Class Honours (Upper Division)
$\text{GPA} \geq 3.70$	First Class Honours

A student is entitled for the award of Class Honours only if he/she has successfully completed the above requirements within the minimum stipulated time of five Academic Years.

## Grade Point Average (GPA)

A student's Grade Point Average (GPA) is computed considering the GPVs of all the Courses categorized as 'Contributing to GPA'

$$\text{GPA} = \frac{\sum \{(\text{Academic Credits of the Course}) \times (\text{GPV of the Course})\}}{\sum (\text{Academic Credits of the Course})}$$

**Semester Grade Point Average (SGPA):** SGPA is calculated considering all courses, marked as 'Contributing to GPA', followed by a student during a given semester.

**Cumulative Grade Point Average (CGPA):** CGPA is calculated considering all courses, marked as 'Contributing to GPA', followed by a student up to the given academic semester.

**Overall Grade Point Average (OGPA):** OGPA is also referred to as 'GPA', and is calculated considering all courses, marked as 'Contributing to GPA', followed by a student during the entire degree programme. GPA will be used in deciding the award of a 'Pass' degree and the 'Class Honours', as applicable.

