



EASTERN UNIVERSITY, SRI LANKA
கிழக்குப் பல்கலைக்கழகம், இலங்கை
නැගෙනහිර විශ්වවිද්‍යාලය, ශ්‍රී ලංකා

Faculty of Science, Vantharumoolai, Chenkalady, Sri Lanka

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ACADEMIC TRANSCRIPT

BACHELOR OF SCIENCE HONOURS IN COMPUTER SCIENCE - 2021/2022

Name of Student : Mr. Ranasinghe Lakshitha Chandrakantha
Registration No : EU/IS/2016/PHY/074
Index No. : PS 2316
Course of Study : Physical Science

This is to certify that Mr. Ranasinghe Lakshitha Chandrakantha is an internal student of this University and the details of performance of the honours degree programme in computer science are given below.

Course Code	Course Title	Grade
First Year First Semester		
PH1013	General Physics -I (3 Credit)	C-
PH1021	Elementary Physics Laboratory - I (Practical) (1 Credit)	C+
MT1012	Foundation of Mathematics (2 Credit)	B-
MT1022	Ordinary Differential Equations (2 Credit)	C-
CS1013	Introduction to Programme Design and Programming (3 Credit)	B
CS1021	Introduction to Information Systems (1 Credit)	B
EN1042	Introduction to Computing-I (2 Credit)	A+
EN1032	Basic Biology (2 Credit)	B
First Year Second Semester		
MT1032	Limit Process (2 Credit)	D
MT1042	Vector Analysis (2 Credit)	D
CS1032	Object oriented programming (2 Credit)	B
CS1042	Computer Systems (2 Credit)	C
PH1033	General Physics -II (3 Credit)	C-
PH1041	Elementary Physics Laboratory - II (1 Credit)	C
EN1052	Introduction to Computing-II (2 Credit)	A+
Second Year First Semester		
MT2232	Statistics (2 Credit)	C
CS2013	Data Structures and Algorithms (3 Credit)	C+
CS2022	Introduction to Database Management Systems (2 Credit)	B+
CS2032	Computing Mathematics (2 Credit)	B-
PH2012	Mechanics (2 Credit)	C
PH2021	Thermodynamics (1 Credit)	C-
PH2031	Statistical Physics (1 Credit)	C
SP2012	Principles of Management (2 Credit)	A-
Second Year Second Semester		
CS2042	Fundamentals of Software Engineering (2 Credit)	B
CS2051	Rapid Application Development (1 Credit)	C
CS2062	System Analysis and Design (2 Credit)	B
CS2071	Case Study Based Programming Project # (1 Credit)	B
EN2013	Visual Application Development (3 Credit)	B+
PH2062	Electromagnetic Phenomena (2 Credit)	C+
PH2081	Special Theory of Relativity (1 Credit)	B-
PH2091	Quantum Mechanics-I (1 Credit)	B+
PH2111	General Physics Laboratory-II (1 Credit)	B+
SP2032	Financial Accounting (2 Credit)	B-
Third Year First Semester		
CS3012	Introduction to Computer Graphics (2 Credit)	B
CS3022	Computer Networks (2 Credit)	C+
CS3032	Logic Programming (2 Credit)	B
CS3042	User Interface Design (2 Credit)	B+
PH3011	Solid State Physics -I (1 Credit)	D
PH3021	Atomic Physics (1 Credit)	B
PH3042	Medical Physics (2 Credit)	A
PH3051	General Physics Laboratory -III (1 Credit)	B

EN3012	Resource Efficiency and Cleaner Production (2 Credit)	B+
SP3023	Object Oriented Analysis and Design (3 Credit)	A-
Third Year Second Semester		
CS3052	Web Based Application Development (2 Credit)	B
CS3062	Introduction to Mobile Computing (2 Credit)	C+
CS3072	Advanced Database Management Systems (2 Credit)	B
CS3082	Theory of Computation (2 Credit)	C-
CS3092	Software Project Management and Professional Issues (2 Credit)	B+
PH3061	Nuclear Physics (1 Credit)	B-
PH3091	Energy and Environment (1 Credit)	B+
PH3111	Physics Laboratory Project # (1 Credit)	A-
Fourth Year		
CS4013	Computer Architecture and Operating Systems (3 Credit)	A-
CS4023	Intelligent Systems and Knowledge bases (3 Credit)	C
CS4062	Information System Security (2 Credit)	B-
CS4093	Parallel and Distributed Computing (3 Credit)	B+
CS4112	Machine Learning (2 Credit)	B
CS4037	Research Project # (7 Credit)	A+
CS4052	Research Methods (2 Credit)	A
CS4073	Advanced Software Engineering (3 Credit)	B-
CS4082	Systems and Network Administration (2 Credit)	A
CS4123	Image Processing and Computer Vision (3 Credit)	C+
CS4133	Data Mining and Data Analytics (3 Credit)	B-
CS4152	Compiler Theory and Programming Languages (2 Credit)	B
CS4163	Advanced Networking, Virtualization and Cloud Computing (3 Credit)	B+
CS4182	Advanced Topics in Computing Mathematics (2 Credit)	C+

Auxiliary Courses

Course Code	Course Title	Grade
SLV100	Ethnic Cohesion and Social Harmony	M (Meritorious)
CPD100	Motivation for self-development and adaptability	S (Satisfactory)
ENG100	English Level-I	M (Meritorious)
CPD200	Career Prospects and personality development	M (Meritorious)
ENG200	English Level-II	M (Meritorious)
SLV300	Science of Indigenous Knowledge and Practices	S (Satisfactory)
ENG300	English Level-III	M (Meritorious)

He has been awarded the Degree of Bachelor of Science Honours in Computer Science and reached the standard required for a **Pass**.

The overall weighted Grade Point Average **(GPA): 2.93**

The effective date of the Degree is **08th April 2024**

The medium of instruction in the Faculty of Science is English.

Assistant Registrar/ Faculty of Science
for Registrar

Prepared By:.....
Checked By:.....

Grading System:

Grade	A+	A	A-	B+	B	B-	C+	C	C-	D+	D	E
Grade Points	4.00	4.00	3.70	3.30	3.00	2.70	2.30	2.00	1.70	1.30	1.00	0.00