University of Peradeniya, Sri Lanka
OFFICE OF THE SENIOR ASSISTANT REGISTRAR
FACULTY OF ENGINEERING
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POSTGRADUATE ACADEMIC TRANSCRIPT

This is to certify that **Mr. Ranaweera Arachchige Oshadha Sandaruwan Ranaweera (PG/EE/20/MSc/35)** has followed the Postgraduate Programme in **Electrical & Electronic Engineering** at the University of Peradeniya, Sri Lanka, leading to the **Degree of Master of the Science of Engineering (M.Sc.Eng).**

The course was conducted in the medium of **English**.

The course units followed and the grades earned by Mr. Ranaweera are given below.

Course Code	Title	Grade	Credits
EE 660	Advanced Electrical Machines and Drives	A	3
EE 661	Power System Analysis	C+	3
EE 662	Distribution Systems Engineering	B+	3
EE 667	Digital Instrumentation	A+	3
EE 673	Distributed Generation	B+	3
EE 674	Modern Power Systems	A+	3
EE 676	Industrial Electrical Systems	A+	3
EE 691	Advanced Embedded Systems Design	A+	3

GPA - 3.61

Title of the Thesis

Energy Cost Optimization of Water Supply Schemes by Using IoT, Machine Learning to Face the Economic Crisis of Sri Lanka

Effective Date of the Degree

17th September 2023

Note:

- One credit unit has 15 contact hours where a contact hour is equivalent to 1 hour of lectures/tutorials or 2 hours of practicals/assignments.
- Grade points are assigned according to a four-point scale:

A+,A	4.0	C	2.0
A^-	3.7	C^-	1.7
B^+	3.3	D^+	1.3
B	3.0	D	1.0
B^-	2.7	D^-	0.7
C^+	2.3	E	0.0

- In order to be eligible for the award of M.Sc. Eng. Degree, a student shall have earned a total of 24 credits from prescribed courses with a grade point average of at least 3.0 and successfully completed a research study of at least 4 months of full-time research or its equivalent on part-time basis.

Date: 22nd of October 2024

Senior Assistant Registrar
Faculty of Engineering
University of Peradeniya
Peradeniya

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