



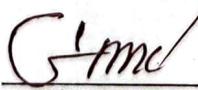
Heaven's Light is Our Guide
RAJSHAHI UNIVERSITY OF ENGINEERING & TECHNOLOGY
Rajshahi-6204, Bangladesh

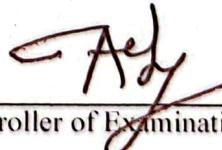
Academic Transcript

- | | | |
|--|---|---|
| 1. Name of the student | : | Md. Rezwanur Rahman |
| 2. Student number | : | 1501093 |
| 3. Department | : | Electrical & Electronic Engineering |
| 4. Date of enrolment | : | 2015 -2016 to 2018-2019 (4 Sessions) |
| 5. Date of completion of the degree | : | February 20, 2022 |
| 6. Degree awarded | : | Bachelor of Science in Electrical & Electronic Engineering |
| 7. Minimum credit required for the degree | : | 160.00 |
| 8. Total credit earned by the student | : | 160.00 |
| 9. Cumulative Grade Point Average (CGPA) earned | : | 3.41 |
| 10. Highest CGPA in the 8 th semester | : | 3.91 |
| 11. Total number of students in the class | : | 135 |
| 12. Medium of Instruction | : | The medium of instruction and assessment of this university in English. |
| 13. Result | : | First Class |

This Academic Transcript contains 10 pages including this page.


Prepared by


Checked by


Controller of Examinations

Date: 29.01.2023

Telephone No.: +88-0721-750742/3-Ext. 107

Fax: +88-0721-750105

THE UNIVERSITY

The Rajshahi University of Engineering & Technology was founded in 1964 as Rajshahi Engineering College affiliated to the University of Rajshahi. In 1986 the College was converted to Bangladesh Institute of Technology Rajshahi. The Institute assumed the present name from September 2003.

ACCREDITATION

The Rajshahi University of Engineering & Technology is accredited to award Bachelor's, Master's and Doctored degrees; and the programs are accredited by appropriate professional organizations.

ACADEMIC CREDIT

Two Semesters make up the academic year. Normally four academic years (Eight Semesters) are required to complete the undergraduate course. However, a student must complete his/her undergraduate program within seven academic years. Duration of an academic year is 28 weeks of instructions in general. The University may offer a backlog/short/special short semester where the students shall get a chance to cover the courses in which they obtain F grades.

GRADING SYSTEM

The following table shows the relations between latter grades, grade points and the equivalent marks:

Letter Grade	Grade Point	Equivalent marks
A+	4.00	80% or above
A	3.75	75% to less than 80%
A-	3.50	70% to less than 75%
B+	3.25	65% to less than 70%
B	3.00	60% to less than 65%
B-	2.75	55% to less than 60%
C+	2.50	50% to less than 55%
C	2.25	45% to less than 50%
D	2.00	40% to less than 45%
F	0.00	Less than 40%
X	Continuation	

Following Equation gives Grade Point Average (GPA)

$$GPA = \frac{\sum_{i=1}^n C_i G_i}{\sum_{i=1}^n C_i} = \frac{\text{Summation of (Number of credits in a course} \times \text{Grade point earned in that course})}{\text{Total number of credits earned}}$$

Maximum attainable GPA=4.00, minimum GPA required for degree with HONOURS=3.75 and minimum Cumulative GPA required for award of degree=2.20.

LIST OF ABBREVIATION USED IN THE ACADEMIC RECORD

CE : Credit Earned

CCE : Cumulative Credit Earned

GP : Grade Point

CGP : Cumulative Grade Point

GPA : Grade Point Average

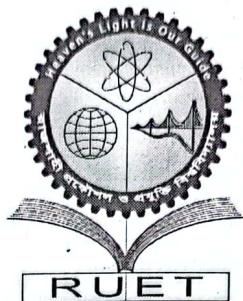
CGPA : Cumulative Grade Point Average

NOTE

There may be an anomaly regarding "Sessions attended" and "date of completion of degree Requirement". The anomaly arises due to delay in starting an academic session and extension of the academic calendar beyond the stipulated calendar year due to various reasons. Students are normally expected to complete degree requirements within four academic sessions which may extend over more than four calendar years.

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RAJSHAHI UNIVERSITY OF ENGINEERING & TECHNOLOGY,
Rajshahi- 6204, Bangladesh



TO WHOM IT MAY CONCERN

This is to certify that **Md. Rezwanur Rahman**, Son of Md. Golzar Rahman, bearing Roll No. 1501093 and Registration No. 210 of Session: 2015-2016, was a student of Rajshahi University of Engineering & Technology, Bangladesh. He obtained the degree of **Bachelor of Science in Electrical & Electronic Engineering** from this university in the year 2019 (Examination was held in December, 2021) and secured **First Class**. He bears a good moral character and amiable in nature.

So far I know, he did not take part in any activity subversive to the state or of discipline.

I wish him every success in life.

Prepared by:

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Checked by:

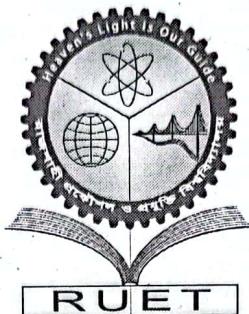
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 27.02.2023
Controller of Examinations,
Rajshahi University of Engineering & Technology,
Bangladesh

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RAJSHAHI UNIVERSITY OF ENGINEERING & TECHNOLOGY,

Rajshahi- 6204, Bangladesh



MEDIUM OF INSTRUCTION

This is to certify that **Md. Rezwanur Rahman**, Son of Md. Golzar Rahman, bearing Roll No. 1501093 and Registration No. 210 of Session: 2015-2016, was a student of Rajshahi University of Engineering & Technology, Bangladesh. He obtained the degree of **Bachelor of Science in Electrical & Electronic Engineering** from this university in the year 2019 (Examination was held in December, 2021) and secured **First Class**.

The medium of instruction of this university in English.

I wish him every success in life.

Prepared by:

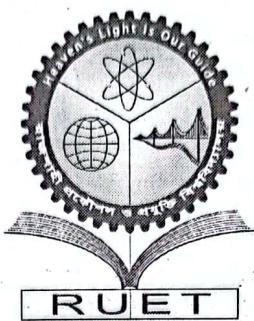
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Controller of Examinations,
Rajshahi University of Engineering & Technology,
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Checked by:

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Rajshahi- 6204, Bangladesh



Migration Certificate

This is to certify that **Md. Rezwanur Rahman**, Son of Md. Golzar Rahman, bearing Roll No. 1501093 and Registration No. 210 of Session: 2015-2016, was a student of Rajshahi University of Engineering & Technology, Bangladesh. He obtained the degree of **Bachelor of Science in Electrical & Electronic Engineering** from this university in the year 2019 (Examination was held in December, 2021) and secured **First Class**. This university has no objection if he proceeds on higher studies in any other university within the country or abroad.

I wish him every success in life.

Prepared by:

A handwritten signature in black ink, appearing to read "Rezwanur Rahman".

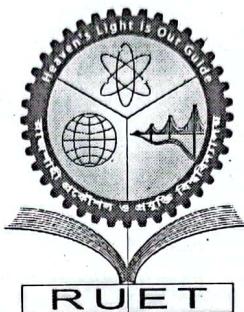
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A handwritten signature in black ink, appearing to read "G. M. C.". A checkmark is drawn next to the signature.

A handwritten date in black ink, reading "27.02.2023".

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Rajshahi University of Engineering & Technology,
Bangladesh

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RAJSHAHI UNIVERSITY OF ENGINEERING & TECHNOLOGY,
Rajshahi- 6204, Bangladesh



MARKS EQUIVALENCE CERTIFICATE

This is to certify that **Md. Rezwanur Rahman**, Son of Md. Golzar Rahman, bearing Roll No. 1501093 and Registration No. 210 of Session: 2015-2016, was a student of Rajshahi University of Engineering & Technology, Bangladesh. He obtained the degree of **Bachelor of Science in Electrical & Electronic Engineering** from this university in the year 2019 (Examination was held in December, 2021) and secured **First Class**. His Cumulative Grade Point Average (CGPA) is **3.41(Out of 4.00)**.

As per conversion formula adopted by the Academic Council of this University, his earned CGPA may be considered to be equivalent to **72.20%** marks.

Conversion Formula is shown below:

- (a) Marks = $79 + 84 (X - 3.75)$; $3.75 \leq X \leq 4.00$
- (b) Marks = $44 + 20 (X - 2.00)$; $2.20 \leq X \leq 3.75$

Here X = Earned CGPA

I wish him every success in life.

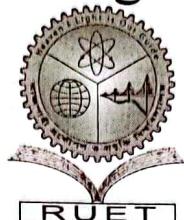
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Rajshahi University of Engineering & Technology,
Bangladesh

Rajshahi University of Engineering & Technology



GRADE SHEET

B. Sc. ENGINEERING 1st YEAR ODD SEMESTER EXAMINATION 2016 Department of Electrical & Electronic Engineering

Name of the Student: Md. Rezwanur Rahman

Roll No.: 1501093

Registration No.: 210

Session: 2015-2016

Course No	Course Title	Credit	Grade
EEE 1101	Electrical Circuit I	3.00	B-
EEE 1102	Electrical Circuit I Sessional	1.50	A
CSE 1111	Computer Programming	3.00	B
CSE 1112	Computer Programming Sessional	1.50	F
Math 1101	Engg. Mathematics I	3.00	B-
Phy 1111	Physics	3.00	B+
Phy 1112	Physics Sessional	0.75	B-
Hum 1111	Technical English	3.00	C+
Hum 1112	Technical English Sessional	0.75	A-

Credit Registered	Credit Earned	Cumulative Earned Credit	GPA	CGPA
19.50	18.00	18.00	2.95	2.95


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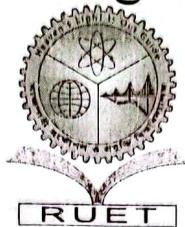

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Administration Building
August 28 , 2020

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Rajshahi University of Engineering & Technology



GRADE SHEET

B. Sc. ENGINEERING 1st YEAR EVEN SEMESTER EXAMINATION 2016 Department of Electrical & Electronic Engineering

Name of the Student: Md. Rezwanur Rahman

Roll No.: 1501093

Registration No.: 210

Session: 2015-2016

Course No	Course Title	Credit	Grade
EEE 1201	Electrical Circuit II	3.00	B-
EEE 1202	Electrical Circuit II Sessional	0.75	A
EEE 1203	Electronics I	3.00	B-
EEE 1204	Electronics I Sessional	1.50	B+
Chem 1211	Chemistry	3.00	A-
Chem 1212	Chemistry Sessional	0.75	A-
Hum 1211	Financial Account & Economic Analysis	3.00	A
Math 1201	Engg. Mathematics II	3.00	B+
ME 1200	Engineering Drawing	1.50	B

Credit Registered	Credit Earned	Cumulative Earned Credit	GPA	CGPA
19.50	19.50	37.50	3.22	3.09

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Rajshahi University of Engineering & Technology



GRADE SHEET

B. Sc. ENGINEERING 2ND YEAR ODD SEMESTER EXAMINATION 2017 Department of Electrical & Electronic Engineering

Name of the Student: Md. Rezwanur Rahman

Roll No.: 1501093

Registration No.: 210

Session: 2015-2016

Course No	Course Title	Credit	Grade
EEE 2100	Electrical Shop Practice	1.50	A-
EEE 2103	Electronics II	3.00	A
EEE 2104	Electronics II Sessional	1.50	B
EEE 2105	Electrical Machine I	3.00	A
EEE 2106	Electrical Machine I Sessional	1.50	A-
Math 2101	Engg. Mathematics III	3.00	B
ME 2101	Basic Mechanical Engineering	3.00	B
ME 2102	Basic Mechanical Engineering Sessional	0.75	C+
IPE 2111	Legal Issues and Management for Engineers	3.00	B+

Credit Registered	Credit Earned	Cumulative Earned Credit	GPA	CGPA
20.25	20.25	57.75	3.31	3.17

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Rajshahi University of Engineering & Technology



GRADE SHEET

B. Sc. ENGINEERING 2ND YEAR EVEN SEMESTER EXAMINATION 2017 Department of Electrical & Electronic Engineering

Name of the Student: Md. Rezwanur Rahman

Roll No.: 1501093

Registration No.: 210

Session: 2015-2016

Course No	Course Title	Credit	Grade
Math 2201	Engg. Mathematics IV	3.00	A
EEE 2203	Electronics III	3.00	B
EEE 2204	Electronics III Sessional	1.50	B-
EEE 2205	Electrical Machine II	3.00	A+
EEE 2206	Electrical Machine II Sessional	1.50	A
EEE 2211	Measurement & Instrumentation	3.00	A
EEE 2212	Measurement & Instrumentation Sessional	1.50	A+
EEE 2213	Digital Electronics I	3.00	C+
EEE 2214	Digital Electronics I Sessional	0.75	A+

Credit Registered	Credit Earned	Cumulative Earned Credit	GPA	CGPA
20.25	20.25	78.00	3.44	3.24

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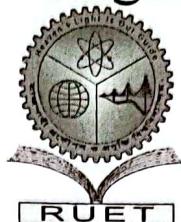
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September 01, 2020

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Rajshahi University of Engineering & Technology



GRADE SHEET

B. Sc. ENGINEERING 3RD YEAR ODD SEMESTER EXAMINATION 2018
Department of Electrical & Electronic Engineering

Name of the Student: **Md. Rezwanur Rahman**

Roll No.: **1501093**

Registration No.: **210**

Session: **2015-2016**

Course No	Course Title	Credit	Grade
EEE 3100	Electronic Shop Practice	1.50	A+
EEE 3101	Signals and Linear Systems	3.00	B-
EEE 3105	Control Systems	3.00	B+
EEE 3106	Control Systems Sessional	0.75	A
EEE 3107	Electromagnetic Fields & Waves	3.00	B
EEE 3109	Computational Methods in Electrical Engineering	3.00	B+
EEE 3110	Computational Methods in Electrical Engineering Sessional	1.50	A-
EEE 3117	Communication Engineering I	3.00	A+
EEE 3118	Communication Engineering I Sessional	0.75	A-

Credit Registered	Credit Earned	Cumulative Earned Credit	GPA	CGPA
19.50	19.50	97.50	3.36	3.26

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 November 20, 2019

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Rajshahi University of Engineering & Technology



GRADE SHEET

B. Sc. ENGINEERING 3RD YEAR EVEN SEMESTER EXAMINATION 2018 Department of Electrical & Electronic Engineering

Name of the Student: Md. Rezwanur Rahman

Roll No.: 1501093

Registration No.: 210

Session: 2015-2016

Course No	Course Title	Credit	Grade
EEE 3200	Electrical and Electronic Circuit Simulation Lab	1.50	A
EEE 3203	Power Electronics	3.00	A-
EEE 3204	Power Electronics Sessional	0.75	A+
EEE 3205	Power Plant Engineering and Economy	3.00	A
EEE 3209	Microprocessor, Interfacing and System Design	3.00	B+
EEE 3210	Microprocessor, Interfacing and System Design Sessional	1.50	A
EEE 3211	Power System I	3.00	A-
EEE 3212	Power System I Sessional	1.50	A
EEE 3217	Communication Engineering II	3.00	A+
EEE 3218	Communication Engineering II Sessional	0.75	A+

Credit Registered	Credit Earned	Cumulative Earned Credit	GPA	CGPA
21.00	21.00	118.50	3.66	3.33

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Administration Building
November 20, 2019

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Rajshahi University of Engineering & Technology



GRADE SHEET

B. Sc. ENGINEERING 4TH YEAR ODD SEMESTER EXAMINATION 2019 Department of Electrical & Electronic Engineering

Name of the Student: Md. Rezwanur Rahman

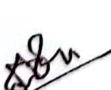
Roll No.: 1501093

Registration No.: 210

Session: 2015-2016

Course No	Course Title	Credit	Grade
EEE 4100	Industrial Training	1.00	A+
EEE 4107	Digital Signal Processing	3.00	A
EEE 4108	Digital Signal Processing Sessional	0.75	A
EEE 4117	Radio and TV Engineering	3.00	A-
EEE 4118	Radio and TV Engineering Sessional	0.75	A+
IPE 4111	Project and Operations Management	2.00	B
EEE 4161	Digital Electronics II	3.00	A-
EEE 4162	Digital Electronics II Sessional	0.75	A
EEE 4163	VLSI	3.00	A+
EEE 4164	VLSI Sessional	0.75	A+

Credit Registered	Credit Earned	Cumulative Earned Credit	GPA	CGPA
18.00	18.00	136.50	3.66	3.38


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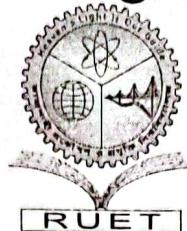

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August 19, 2020

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Rajshahi University of Engineering & Technology



GRADE SHEET

B. Sc. ENGINEERING 4TH YEAR EVEN SEMESTER EXAMINATION 2019 Department of Electrical & Electronic Engineering

Name of the Student: Md. Rezwanur Rahman

Roll No.: 1501093

Registration No.: 210

Session: 2015-2016

Course No	Course Title	Credit	Grade
EEE 4000	Project & Thesis	4.50	A+
EEE 4200	Seminar	1.00	A-
EEE 4209	Embedded System Design	3.00	A-
EEE 4210	Embedded System Design Sessional	0.75	A+
EEE 4217	Mobile Cellular Communication	3.00	A-
EEE 4261	Biomedical Engineering	3.00	A+
EEE 4262	Biomedical Engineering Sessional	0.75	A
EEE 4263	Optoelectronics	3.00	B+
EEE 4265	Processing & Fabrication Technology	3.00	A-

Credit Registered	Credit Earned	Cumulative Earned Credit	GPA	CGPA
22.00	22.00	158.50	3.66	3.42

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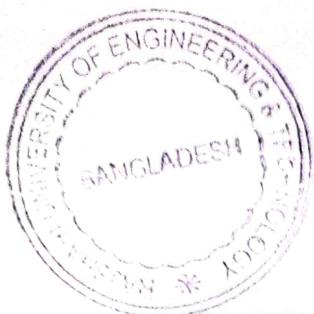
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Controller of Examinations

Sl. No.....15.....

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Rajshahi University of Engineering & Technology



GRADE SHEET

B. Sc. ENGINEERING 4th YEAR SHORT SEMESTER EXAMINATION 2019

Department of Electrical & Electronic Engineering

Name of the Student: Md. Rezwanur Rahman

Roll No.: 1501093

Registration No.: 210

Session: 2015-2016

Course No	Course Title	Credit	Grade
CSE 1112	Computer Programming Sessional	1.50	B

Credit Registered	Credit Earned	Cumulative Earned Credit	GPA	CGPA
1.50	1.50	160.00	3.00	3.41

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Administration Building
February 22, 2022

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MARKS AND GRADE		
Marks	Grade	Grade Point
80% and above	A+	4.00
75% to less than 80%	A	3.75
70% to less than 75%	A-	3.50
65% to less than 70%	B+	3.25
60% to less than 65%	B	3.00
55% to less than 60%	B-	2.75
50% to less than 55%	C+	2.50
45% to less than 50%	C	2.25
40% to less than 45%	D	2.00
Less than 40%	F	0.00
Incomplete	I	-
Need to register again	X	-

CLASS & CGPA	
Class	Minimum CGPA
Honors	3.75
First Class	3.00
Second Class	2.20