



SL. NO.: CSE 17/2016

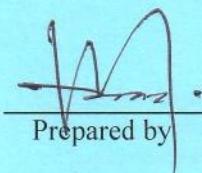
Heaven's Light is Our Guide
RAJSHAHI UNIVERSITY OF ENGINEERING & TECHNOLOGY
Rajshahi-6204, Bangladesh

Academic Transcript

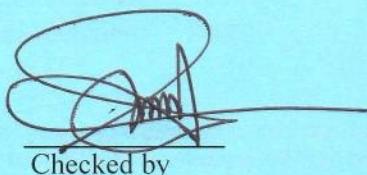


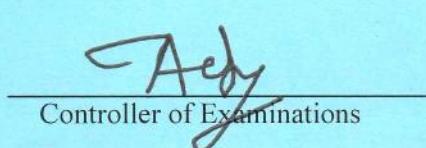
1. Name of the student	:	Habibur Rahman
2. Student number	:	123044
3. Department	:	Computer Science & Engineering
4. Date of enrolment	:	2012-2013 to 2015-2016 (4 Sessions)
5. Date of completion of the degree	:	December 17, 2017
6. Degree awarded	:	Bachelor of Science in Computer Science & Engineering
7. Minimum credit required for the degree	:	160.50
8. Total credit earned by the student	:	160.50
9. Cumulative Grade Point Average (CGPA) earned	:	3.77
10. Highest CGPA in the 8 th semester	:	3.96
11. Total number of students in the class	:	117
12. Medium of Instruction	:	The medium of instruction and assessment of this university in English.
13. Result	:	First Class with Honors
14. Position	:	6th (Sixth)

This Academic Transcript contains 09 pages including this page.


Prepared by

Date: 10.09.18


Checked by


Controller of Examinations

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.

Rajshahi University of Engineering & Technology



GRADE SHEET

B. Sc. ENGINEERING 1ST YEAR 1ST SEMESTER EXAMINATION, 2013 Department of Computer Science & Engineering

Name of the Student: **Habibur Rahman**Roll No.: **123044**Registration No.: **405**Session: **2012-2013**

Course No.	Course Title	Credit	Grade
CSE 100	Computer Fundamentals	0.75	A-
CSE 107	Computer Programming	4.00	A+
CSE 108	Sessional based on CSE 107	1.50	A+
EE 107	Basic Electrical Engineering	3.00	A
EE 108	Sessional based on EE 107	1.50	A+
Ch 107	Chemistry	3.00	B-
Ch 108	Sessional based on Ch 107	0.75	A-
Math 107	Mathematics-I	3.00	B-
Hum 107	English	3.00	B+

Credit Registered	Credit Earned	Cumulative Earned Credit	GPA	CGPA
20.50	20.50	20.50	3.45	3.45


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April 12, 2014


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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

A Grade 'X' shall be awarded for courses (like project & thesis, design etc.) in the odd semester which continue through to the even semester.

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

Rajshahi University of Engineering & Technology



GRADE SHEET

B. Sc. ENGINEERING 1ST YEAR 2ND SEMESTER EXAMINATION, 2013 Department of Computer Science & Engineering

Name of the Student: **Habibur Rahman**Roll No.: **123044**Registration No.: **405**Session: **2012-2013**

Course No.	Course Title	Credit	Grade
CSE 200	Drawing and CAD Project	0.75	B+
CSE 201	Data Structure	3.00	A+
CSE 202	Sessional based on CSE 201	1.50	A+
CSE 207	Object Oriented Programming	3.00	A+
CSE 208	Sessional based on CSE 207	1.50	A+
Ph 207	Physics	3.00	B
Ph 208	Sessional based on Ph 207	1.50	A
Math 207	Mathematics-II	3.00	A+
Hum 207	Economics, Government & Sociology	4.00	B+

Credit Registered	Credit Earned	Cumulative Earned Credit	GPA	CGPA
21.25	21.25	41.75	3.67	3.56

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 December 08, 2014

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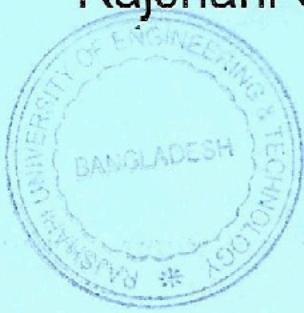


MARKS AND GRADE		
Marks	Grade	Grade Point
80% and above	A+	4.00
75% to less than 80%	A	3.75
70% to less than 75%	A-	3.50
65% to less than 70%	B+	3.25
60% to less than 65%	B	3.00
55% to less than 60%	B-	2.75
50% to less than 55%	C+	2.50
45% to less than 50%	C	2.25
40% to less than 45%	D	2.00
Less than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

A Grade 'X' shall be awarded for courses (like project & thesis, design etc.) in the odd semester which continue through to the even semester.

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

Rajshahi University of Engineering & Technology



GRADE SHEET

B. Sc. ENGINEERING 2ND YEAR 3RD SEMESTER EXAMINATION, 2014 Department of Computer Science & Engineering

Name of the Student: **Habibur Rahman**

Roll No.: **123044**

Registration No.: **405**

Session: **2012-2013**

Course No.	Course Title	Credit	Grade
CSE 305	Discrete Mathematics	3.00	A+
CSE 307	Digital Techniques	3.00	A
Hum 307	Industrial Management & Accountancy	4.00	A
Math 307	Mathematics-III	3.00	A+
EE 303	Analog Electronic Circuits	3.00	A-
EE 304	Sessional based on EE 303	1.50	A+
CSE 306	Sessional based on CSE 305	1.50	A+
CSE 308	Sessional based on CSE 307	1.50	A+
CSE 300	Software Development Project-I	0.75	A+

Credit Registered	Credit Earned	Cumulative Earned Credit	GPA	CGPA
21.25	21.25	63.00	3.85	3.66

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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

A Grade 'X' shall be awarded for courses (like project & thesis, design etc.) in the odd semester which continue through to the even semester.

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

Rajshahi University of Engineering & Technology



GRADE SHEET

B. Sc. ENGINEERING 2ND YEAR 4TH SEMESTER EXAMINATION, 2014 Department of Computer Science & Engineering

Name of the Student: **Habibur Rahman**

Roll No.: **123044**

Registration No.: **405**

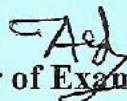
Session: **2012-2013**

Course No.	Course Title	Credit	Grade
CSE 401	Algorithms Design & Analysis	3.00	A
CSE 402	Sessional based on CSE 401	1.50	A+
EE 403	Electrical Machines & Applications	3.00	A+
EE 404	Sessional based on EE 403	1.50	A+
CSE 406	Sessional based on CSE 405	1.50	A+
CSE 408	Sessional based on CSE 407	0.75	A
CSE 407	Finite Automata Theory & Pulse Technique	3.00	A+
Math 407	Mathematics-IV	3.00	A
CSE 405	Numerical Method	3.00	A-

Credit Registered	Credit Earned	Cumulative Earned Credit	GPA	CGPA
20.25	20.25	83.25	3.84	3.70


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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

A Grade 'X' shall be awarded for courses (like project & thesis, design etc.) in the odd semester which continue through to the even semester.

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

Rajshahi University of Engineering & Technology



GRADE SHEET

B. Sc. ENGINEERING 3RD YEAR 5TH SEMESTER EXAMINATION, 2015 Department of Computer Science & Engineering

Name of the Student: **Habibur Rahman**

Roll No.: **123044**

Registration No.: **405**

Session: **2012-2013**

Course No.	Course Title	Credit	Grade
CSE 500	Internet Programming Lab/Project	0.75	A+
CSE 501	Data Base Systems	4.00	A+
CSE 502	Sessional based on CSE 501	1.50	A+
CSE 503	Software Engineering	3.00	A+
EE 503	Instrumentation	2.00	A+
EE 504	Sessional based on EE 503	0.75	A+
CSE 505	Applied Statistics & Queuing Theory	3.00	A+
CSE 507	Microprocessors & Assembly Language	3.00	A+
CSE 508	Sessional based on CSE 507	1.50	A+

Credit Registered	Credit Earned	Cumulative Earned Credit	GPA	CGPA
19.50	19.50	102.75	4.00	3.76

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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

A Grade 'X' shall be awarded for courses (like project & thesis, design etc.) in the odd semester which continue through to the even semester.

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

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Rajshahi University of Engineering & Technology



GRADE SHEET

B. Sc. ENGINEERING 3RD YEAR 6TH SEMESTER EXAMINATION, 2015 Department of Computer Science & Engineering

Name of the Student: **Habibur Rahman**Roll No.: **123044**Registration No.: **405**Session: **2012-2013**

Course No.	Course Title	Credit	Grade
CSE 601	Operating System	3.00	A+
CSE 605	Data Communication	3.00	A+
CSE 609	Artificial Intelligence & Expert System	3.00	A+
CSE 602	Sessional based on CSE 601	0.75	A+
CSE 606	Sessional based on CSE 605	0.75	A+
CSE 608	Sessional based on CSE 607	0.75	A+
CSE 610	Sessional based on CSE 609	0.75	A+
CSE 600	Software Development Project II	1.50	A+
CSE 607	Peripherals & Interfacings	3.00	A+
CSE 603	Computer Architecture	3.00	A+

Credit Registered	Credit Earned	Cumulative Earned Credit	GPA	CGPA
19.50	19.50	122.25	4.00	3.80

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 May 17, 2017

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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

A Grade 'X' shall be awarded for courses (like project & thesis, design etc.) in the odd semester which continue through to the even semester.

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



GRADE SHEET

B. Sc. ENGINEERING 4TH YEAR 7TH SEMESTER EXAMINATION, 2016
Department of Computer Science & Engineering

Name of the Student: **Habibur Rahman**

Roll No.: **123044**

Registration No.: **405**

Session: **2012-2013**

Course No.	Course Title	Credit	Grade
CSE 701	Complier Design	3.00	A
CSE 702	Sessional based on CSE 701	0.75	A+
CSE 705	Information System Analysis & Design	3.00	A+
CSE 706	Sessional based on CSE 705	0.75	A+
CSE 707	Computer Network	3.00	B+
CSE 708	Sessional based on CSE 707	0.75	A-
CSE 703	VLSI Design	3.00	A
CSE 714	Sessional Based on CSE 713	0.75	A+
CSE 713	Digital Signal Processing	3.00	B

Credit Registered	Credit Earned	Cumulative Earned Credit	GPA	CGPA
18.00	18.00	140.25	3.60	3.77

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 November 14, 2017

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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

A Grade 'X' shall be awarded for courses (like project & thesis, design etc.) in the odd semester which continue through to the even semester.

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



Rajshahi University of Engineering & Technology

GRADE SHEET

B. Sc. ENGINEERING 4TH YEAR 8TH SEMESTER EXAMINATION, 2016 Department of Computer Science & Engineering

Name of the Student: **Habibur Rahman**

Roll No.: **123044**

Registration No.: **405**

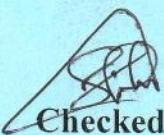
Session: **2012-2013**

Course No.	Course Title	Credit	Grade
CSE 801	Computer Graphics	3.00	A+
CSE 802	Sessional based on CSE 801	0.75	A-
CSE 809	Neural Networks & Fuzzy Systems	3.00	B+
CSE 810	Sessional based on CSE 809	0.75	A+
CSE 820	Seminar	0.75	A+
CSE 827	Network Security	3.00	A-
CSE 833	Digital Image Processing	3.00	A+
CSE 835	Parallel and Distributed Processing	3.00	A
CSE 800	Project and Theses-II	3.00	A+

Credit Registered	Credit Earned	Cumulative Earned Credit	GPA	CGPA
20.25	20.25	160.50	3.76	3.77

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December 19, 2017



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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

A Grade 'X' shall be awarded for courses (like project & thesis, design etc.) in the odd semester which continue through to the even semester.

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