


KHULNA UNIVERSITY OF ENGINEERING & TECHNOLOGY BANGLADESH




TRANSCRIPT OF ACADEMIC RECORD


1. Name of the Student : Shovan Bhowmik
2. Roll Number : 1407050
3. Nationality : Bangladeshi
4. Date of Enrolment : December 20, 2014
5. Degree Awarded : Bachelor of Science in Computer Science & Engineering, abbreviated as B. Sc. Eng. (CSE)
6. Sessions Attended : 2014-2015 to 2017-2018
7. Date of Completion of the Degree Requirments : February 19, 2019
8. Number of students in the Class : 55
9. Minimum Number of Credits Required for the Degree : 160.00
10. Total Number of Credits Earned by the Student : 161.25
11. Cumulative Grade Point Average (CGPA) Earned by the Student : 3.54
12. Highest Cumulative Grade Point Average (CGPA) in the Class : 3.95
13. Number of Students in the Class Equal to or Better CGPA than this Student : 11
14. Medium of Instruction : English

Four (4) additional sheets containing name of the courses studied and grades obtained therein are enclosed. General information are printed overleaf.

Prepared by : 

Verified by : 

Date : July 02, 2019


Controller of Examinations

General Information

Grading System:

The letter grade system shall be used to assess the performance of the student and shall be as follows:

Numerical grade	Letter grade	Grade point
80% or above	A+ A Plus	4.00
75% to less than 80%	A A	3.75
70% to less than 75%	A- A Minus	3.50
65% to less than 70%	B+ B plus	3.25
60% to less than 65%	B B	3.00
55% to less than 60%	B- B Minus	2.75
50% to less than 55%	C+ C Plus	2.50
45% to less than 50%	C C	2.25
40% to less than 45%	D D	2.00
Less than 40%	F	0.00
Continuous Assessment (For courses extended over two regular Terms, such as project/thesis/design, etc.)	X	-
Withdrawal	W	-
Incomplete	I	
Non Credit Course	S/U (Satisfactory/Unsatisfactory)	

Calculation of GPA and CGPA:

Grade point average (GPA) is the weighted average of the grade points obtained in all the courses passed/completed by a student in a Term. 'F' grades will not be counted for GPA calculation. GPA of a Term will be calculated as follows:

$$GPA = \frac{\sum_{i=1}^n C_i G_i}{\sum_{i=1}^n C_i}$$

Where n is the total number of courses passed by the student, C_i is the number of credits allotted to a particular course i and G_i is the grade point corresponding to the grade awarded for the course.

Cumulative Grade Point Average (CGPA) gives the cumulative performance of the student from first Term up to any other Term to which it refers and is computed by dividing the total weighted grade points ($\sum C_i G_i$) accumulated up to the date by the total credit hours ($\sum C_i$). Both GPA and CGPA will be rounded off to the second place of decimal for reporting.

- Maximum Attainable CGPA= 4.00
- CGPA Required for Degree with HONOURS = 3.75 or better
- Minimum CGPA Required for Award of Degree = 2.20

Notes:

1. It may be noted that there is an anomaly regarding "sessions attended" and "date of completion of the degree requirements". The anomaly has been created due to delay in starting an academic session and extension of the academic session beyond stipulated calendar year due to various reasons.
2. For further information please contact Controller of Examinations, Khulna University of Engineering & Technology, Khulna 9203. Bangladesh or e-mail: <controller@kuet.ac.bd>

KHULNA UNIVERSITY OF ENGINEERING & TECHNOLOGY BANGLADESH



Additional Sheet-1 DETAILS OF ACADEMIC RECORD

Department	: Computer Science and Engineering	Roll No.	: 1407050
Student's Name	: Shevan Bhowmik	Session	: 2014-2015

First Year First Term


Period : April 2015 to September 2015

Serial No.	Course No.	Course Title	Credit	Grade Point	Grade
1	CSE 1100	Introduction to Computer Systems	1.50	4.00	A+
2	CSE 1107	Discrete Mathematics	3.00	3.25	B+
3	EEE 1107	Basic Electrical Engineering	3.00	3.75	A
4	EEE 1108	Basic Electrical Engineering Laboratory	1.50	4.00	A+
5	HUM 1107	English and Human Communication	3.00	3.50	A-
6	HUM 1108	English Skills Laboratory	0.75	3.00	B
7	MATH 1107	Differential and Integral Calculus	3.00	3.25	B+
8	PHY 1107	Physics	3.00	3.75	A
9	PHY 1108	Physics Laboratory	1.50	3.50	A-
Earned Credits : 20.25			Grade Point Average (GPA) : 3.56		
Cumulative Earned Credits : 20.25			Cumulative Grade Point Average (CGPA) : 3.56		

First Year Second Term


Period : October 2015 to February 2016

Serial No.	Course No.	Course Title	Credit	Grade Point	Grade
1	CSE 1201	Structured Programming	3.00	3.50	A-
2	CSE 1202	Structured Programming Laboratory	1.50	3.25	B+
3	CSE 1203	Digital Logic Design	3.00	2.75	B-
4	CSE 1204	Digital Logic Design Laboratory	1.50	3.75	A
5	CHEM 1207	Chemistry	3.00	3.25	B+
6	CHEM 1208	Chemistry Laboratory	0.75	3.25	B+
7	EEE 1217	Analog Electronics	3.00	3.50	A-
8	EEE 1218	Analog Electronics Laboratory	0.75	4.00	A+
9	MATH 1207	Coordinate Geometry and Differential Equations	3.00	3.50	A-
10	ME 1270	Computer Aided Design Laboratory	0.75	4.00	A+
Earned Credits : 20.25			Grade Point Average (GPA) : 3.38		
Cumulative Earned Credits : 40.50			Cumulative Grade Point Average (CGPA) : 3.47		

Prepared by : 

Verified by : 

Date : July 02, 2019


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KHULNA UNIVERSITY OF ENGINEERING & TECHNOLOGY BANGLADESH



Additional Sheet-2 DETAILS OF ACADEMIC RECORD

Department	: Computer Science and Engineering	Roll No.	: 1407050
Student's Name	: Shovan Bhowmik	Session	: 2015-2016

Second Year First Term


Period : March 2016 to September 2016


Serial No.	Course No.	Course Title	Credit	Grade Point	Grade
1	CSE 2101	Object Oriented Programming	3.00	3.50	A-
2	CSE 2102	Object Oriented Programming Laboratory	1.50	2.75	B-
3	CSE 2105	Data Structures and Algorithms	3.00	3.50	A-
4	CSE 2106	Data Structures and Algorithms Laboratory	1.50	3.75	A
5	CSE 2113	Computer Architecture	3.00	3.25	B+
6	EEE 2113	Digital Electronics	3.00	4.00	A+
7	EEE 2114	Digital Electronics Laboratory	1.50	3.50	A-
8	MATH 2107	Fourier Analysis and Linear Algebra	3.00	3.25	B+
Earned Credits			: 19.50	Grade Point Average (GPA)	: 3.46
Cumulative Earned Credits			: 60.00	Cumulative Grade Point Average (CGPA)	: 3.47

Second Year Second Term


Period : September 2016 to February 2017

Serial No.	Course No.	Course Title	Credit	Grade Point	Grade
1	CSE 2200	Advanced Programming	1.50	3.50	A-
2	CSE 2201	Algorithm Analysis and Design	3.00	3.50	A-
3	CSE 2202	Algorithm Analysis and Design Laboratory	1.50	4.00	A+
4	CSE 2203	Microprocessors and Microcontrollers	3.00	3.75	A
5	CSE 2204	Microprocessors and Microcontrollers Laboratory	1.50	4.00	A+
6	CSE 2207	Numerical Methods	3.00	4.00	A+
7	CSE 2208	Numerical Methods Laboratory	0.75	4.00	A+
8	HUM 2207	Economics and Accounting	3.00	3.50	A-
9	MATH 2207	Complex Variable, Vector Analysis and Statistics	3.00	2.75	B-
Earned Credits			: 20.25	Grade Point Average (GPA)	: 3.59
Cumulative Earned Credits			: 80.25	Cumulative Grade Point Average (CGPA)	: 3.50

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Verified by : 

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Additional Sheet-3 DETAILS OF ACADEMIC RECORD

Department	: Computer Science and Engineering	Roll No.	: 1407050
Student's Name	: Shovan Bhowmik	Session	: 2016-2017

Third Year First Term


Period : February 2017 to August 2017

Serial No.	Course No.	Course Title	Credit	Grade Point	Grade
1	CSE 3100	Web Programming Laboratory	1.50	3.25	B+
2	CSE 3101	Theory of Computation	3.00	3.50	A-
3	CSE 3103	Peripherals and Interfacing	3.00	3.50	A-
4	CSE 3104	Peripherals and Interfacing Laboratory	0.75	4.00	A+
5	CSE 3109	Database Systems	3.00	3.50	A-
6	CSE 3110	Database Systems Laboratory	1.50	3.50	A-
7	CSE 3119	Software Engineering and Information Systems	3.00	3.50	A-
8	CSE 3120	Software Engineering & Information Systems Laboratory	1.50	4.00	A+
9	ECE 3115	Data Communication	3.00	3.50	A-
10	ECE 3116	Data Communication Laboratory	0.75	4.00	A+
Earned Credits : 21.00			Grade Point Average (GPA)		: 3.55
Cumulative Earned Credits : 101.25			Cumulative Grade Point Average (CGPA)		: 3.51

Third Year Second Term


Period : August 2017 to January 2018

Serial No.	Course No.	Course Title	Credit	Grade Point	Grade
1	CSE 3200	System Development Project	1.50	4.00	A+
2	CSE 3201	Operating Systems	3.00	4.00	A+
3	CSE 3202	Operating Systems Laboratory	1.50	4.00	A+
4	CSE 3207	Applied Statistics and Queuing Theory	3.00	3.75	A
5	CSE 3211	Compiler Design	3.00	3.75	A
6	CSE 3212	Compiler Design Laboratory	0.75	3.75	A
7	CSE 3217	Mobile Computing	3.00	3.75	A
8	CSE 3218	Mobile Computing Laboratory	0.75	3.75	A
9	Hum 3207	Sociology and Government	3.00	4.00	A+
Earned Credits : 19.50			Grade Point Average (GPA)		: 3.87
Cumulative Earned Credits : 120.75			Cumulative Grade Point Average (CGPA)		: 3.57

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Additional Sheet-4 DETAILS OF ACADEMIC RECORD

Department : Computer Science and Engineering
Student's Name : Shovan Bhowmik

Roll No. : 1407050
Session : 2017-2018

Fourth Year First Term

Period : January 2018 to July 2018

Serial No.	Course No.	Course Title	Credit	Grade Point	Grade
1	CSE 4000	Project/Thesis	1.50	-	X
2	CSE 4105	Computer Networks	3.00	3.00	B
3	CSE 4109	Artificial Intelligence	3.00	2.75	B-
4	CSE 4110	Artificial Intelligence Laboratory	0.75	3.75	A
5	CSE 4111	Machine Learning	3.00	3.25	B+
6	CSE 4112	Machine Learning Laboratory	0.75	3.75	A
7	IEM 4127	Industrial Management	3.00	3.25	B+
8	CSE 4120	Technical Writing & Seminar	0.75	4.00	A+
9	CSE 4106	Computer Networks Laboratory	1.50	3.25	B+
10	CSE 4127	Image Processing and Computer Vision	3.00	3.50	A-
11	CSE 4128	Image Processing and computer vision Laboratory	0.75	3.00	B
Earned Credits : 19.50			Grade Point Average (GPA) : 3.23		
Cumulative Earned Credits : 140.25			Cumulative Grade Point Average (CGPA) : 3.52		


Note : CSE 4000 will be evaluated at the end of fourth year second term.

Fourth Year Second Term

Period : August 2018 to January 2019


Serial No.	Course No.	Course Title	Credit	Grade Point	Grade
1	CSE 4000	Project /Thesis	3.00+1.50=4.50	4.00	A+
2	CSE 4207	Computer Graphics	3.00	3.00	B
3	CSE 4208	Computer Graphics Laboratory	0.75	3.50	A-
4	CSE 4239	Data Mining	3.00	4.00	A+
5	CSE 4223	Digital System Design	3.00	3.00	B
6	CSE 4224	Digital System Design Laboratory	0.75	4.00	A+
7	CSE 4241	Biomedical Engineering	3.00	3.75	A
8	CSE 4213	Fault Tolerant System	3.00	4.00	A+
Earned Credits : 21.00			Grade Point Average (GPA) : 3.66		
Cumulative Earned Credits : 161.25			Cumulative Grade Point Average (CGPA) : 3.54		

Note : CSE 4000 continued from the previous term.

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