BANGLADESH UNIVERSITY OF ENGINEERING AND TECHNOLOGY, DHAKA

TRANSCRIPT OF ACADEMIC RECORD

Name	: **Shoumik Saha**
Student Number	: **1505059**
Date of Birth	: June 26, 1997
Degree Awarded	: **Bachelor of Science in Computer Science and Engineering** abbreviated as **B.Sc.Engg.(Computer Science and Engg.)**
Sessions Attended[1]	: 2015-16 to 2018-19
Date of completion of the degree requirements	: February, 2021
Minimum number of Credits required for Degree	: 160.00
Total number of Credits earned by the student	: 160.00
Grade Point Average (GPA)[2] earned	: 3.66
Highest GPA in the class	: 3.95
Number of students in the graduating class	: 143
Merit position of the student	: 28
Number of graduates in the class with GPA more than the GPA of this student	: 27

This Transcript contains four pages including this page.

Date Prepared 14/06/2021

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1. It may be noted that there is an anomaly regarding "Sessions Attended" and "Date of completion of degree requirements". The anomaly has arisen 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/five academic sessions which may extend over more than four/five calendar years.

2. **Grade Point Average (GPA) =** $\frac{\sum CiGi}{\sum Ci}$ = $\frac{\text{Summation of (Number of Credits in a Course X Grade Point Earned in that Course)}}{\text{Total Number of Credits Earned}}$

Maximum Attainable GPA = 4.00
GPA Required for Degree with HONOURS = 3.75
Minimum GPA Required for Award of Degree = 2.20

Grading System

Letter Grade	Grade Point	Numerical Equivalent
A+	4.00	80% and above
A	3.75	75% to below 80%
A-	3.50	70% to below 75%
B+	3.25	65% to below 70%
B	3.00	60% to below 65%
B-	2.75	55% to below 60%

Letter Grade	Grade Point	Numerical Equivalent
C+	2.50	50% to below 55%
C	2.25	45% to below 50%
D	2.00	40% to below 45%
F	0.00	Less than 40%
X	Continuation	
S	Satisfactory	

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Details of Academic Record

Name: **Shoumik Saha** Student Number: **1505059**

Session 2015-16 **Level-1 Term-1 (February,2016-August, 2016)**

Course No	Course Title	Credits	Grade	Grade Point
CSE 101	Structured Programming Language	3.00	A+	4.00
CSE 102	Structured Programming Language Sessional	1.50	A+	4.00
EEE 163	Introduction to Electrical Engineering	3.00	B+	3.25
EEE 164	Introduction to Electrical Engineering Sessional	1.50	A-	3.50
MATH 145	Differential Calculus, Integral Calculus, and Coordinate Geometry	3.00	C+	2.50
ME 165	Basic Mechanical Engineering	3.00	A-	3.50
ME 174	Mechanical Engineering Drawing and CAD	1.50	A+	4.00
PHY 102	Physics Sessional	1.50	A	3.75
PHY 109	Heat and Thermodynamics. Electricity and Magnetism, Waves and Oscillations and Mechanics	4.00	B	3.00

Credit Earned: 22.00 Term GPA: 3.39

Cummulative Credits: 22.00 Cummulative GPA: 3.39

Session 2015-16 **Level-1 Term-2 (August,2016-February, 2017)**

Course No	Course Title	Credits	Grade	Grade Point
CHEM 113	Chemistry	3.00	A	3.75
CHEM 114	Inorganic Quantitative Analysis	1.50	A+	4.00
CSE 103	Discrete Mathematics	3.00	A+	4.00
CSE 107	Object Oriented Programming Language	3.00	B	3.00
CSE 108	Object Oriented Programming Language Sessional	1.50	A+	4.00
HUM 172	Developing English Skills Sessional	1.50	A	3.75
HUM 183	English	3.00	B+	3.25
MATH 147	Ordinary Differential Equations (ODE), Partialy Differential Equations (PDE) and Vector Calculus	4.00	B+	3.25

Credit Earned: 20.50 Term GPA: 3.54

Cummulative Credits: 42.50 Cummulative GPA: 3.46

Session 2016-17 **Level-2 Term-1 (February,2017-September, 2017)**

Course No	Course Title	Credits	Grade	Grade Point
CSE 203	Data Structures and Algorithms I	3.00	A	3.75
CSE 204	Data Structures and Algorithms I Sessional	1.50	A+	4.00
CSE 205	Digital Logic Design	3.00	B+	3.25
CSE 206	Digital Logic Design Sessional	1.50	A+	4.00
CSE 218	Numerical Methods	2.00	A	3.75
EEE 263	Electronic Circuits	4.00	B	3.00
EEE 264	Electronic Circuits Sessional	1.50	A-	3.50
MATH 245	Complex Variable and Statistics	3.00	A-	3.50

Credit Earned: 19.50 Term GPA: 3.50

Cummulative Credits: 62.00 Cummulative GPA: 3.48

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Name: **Shoumik Saha** Student Number: **1505059**

Session 2016-17 **Level-2 Term-2 (September,2017-March, 2018)**

Course No	Course Title	Credits	Grade	Grade Point
CSE 207	Data Structures and Algorithms II	3.00	A+	4.00
CSE 208	Data Structures and Algorithms II Sessional	1.50	A+	4.00
CSE 211	Theory of Computation	3.00	A-	3.50
CSE 215	Database	3.00	A	3.75
CSE 216	Database Sessional	1.50	A+	4.00
EEE 269	Electrical Drives and Instrumentation	3.00	A+	4.00
EEE 270	Electrical Drives and Instrumentation Sessional	1.50	A	3.75
MATH 247	Linear Algebra, Laplace Transformation and Fourier Analysis	4.00	A+	4.00

Credit Earned: 20.50 Term GPA: 3.87

Cummulative Credits: 82.50 Cummulative GPA: 3.57

Session 2017-18 **Level-3 Term-1 (March,2018-October, 2018)**

Course No	Course Title	Credits	Grade	Grade Point
CSE 300	Technical Writing and Presentation	0.75	A+	4.00
CSE 305	Computer Architecture	3.00	A	3.75
CSE 306	Computer Architecture Sessional	0.75	A+	4.00
CSE 307	Software Engineering	3.00	B+	3.25
CSE 308	Software Engineering Sessional	0.75	A+	4.00
CSE 309	Compiler	3.00	A	3.75
CSE 310	Compiler Sessional	0.75	A+	4.00
CSE 311	Data Communication	3.00	A+	4.00
CSE 315	Microprocessors, Microcontrollers, and Embedded Systems	3.00	A+	4.00
CSE 316	Microprocessors, Microcontrollers, and Embedded Systems Sessional	1.50	A	3.75

Credit Earned: 19.50 Term GPA: 3.79

Cummulative Credits: 102.00 Cummulative GPA: 3.62

Session 2017-18 **Level-3 Term-2 (October,2018-April, 2019)**

Course No	Course Title	Credits	Grade	Grade Point
CSE 301	Mathematical Analysis for Computer Science	3.00	A+	4.00
CSE 313	Operating System	3.00	A	3.75
CSE 314	Operating System Sessional	1.50	A+	4.00
CSE 317	Artificial Intelligence	3.00	A	3.75
CSE 318	Artificial Intelligence Sessional	0.75	A+	4.00
CSE 321	Computer Networks	3.00	A+	4.00
CSE 322	Computer Networks Sessional	1.50	A+	4.00
CSE 325	Information System Design	3.00	A	3.75
CSE 326	Information System Design Sessional	0.75	A+	4.00

Credit Earned: 19.50 Term GPA: 3.88

Cummulative Credits: 121.50 Cummulative GPA: 3.66

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Name: **Shoumik Saha** Student Number: **1505059**

Session 2018-19 **Level-4 Term-1 (April,2019-February, 2020)**

Course No	Course Title	Credits	Grade	Grade Point
CSE 400	Project and Thesis	3.00	X	---
CSE 405	Computer Security	3.00	B	3.00
CSE 406	Computer Security Sessional	0.75	A+	4.00
CSE 408	Software Development	1.50	A+	4.00
CSE 409	Computer Graphics	3.00	A	3.75
CSE 410	Computer Graphics Sessional	0.75	A	3.75
CSE 453	High Performance Database System	3.00	A	3.75
CSE 463	Introduction to Bioinformatics	3.00	A+	4.00
HUM 475	Engineering Economics	3.00	A	3.75

Credit Earned: 18.00 Term GPA: 3.70

Cummulative Credits: 139.50 Cummulative GPA: 3.66

Session 2018-19 **Level-4 Term-2 (January, 2020-February, 2021)**

Course No	Course Title	Credits	Grade	Grade Point
CSE 400	Project and Thesis	3.00 [+ 3.00]	S	---
CSE 461	Algorithm Engineering	3.00	S	---
CSE 462	Algorithm Engineering Sessional	0.75	S	---
CSE 471	Machine Learning	3.00	S	---
CSE 472	Machine Learning Sessional	0.75	S	---
HUM 473	Financial, Cost, and Managerial Accounting	2.00	S	---
HUM 477	Sociology for Science and Technology	2.00	S	---
IPE 493	Industrial Management	3.00	S	---

* S: Satisfactory, F: Fail
* "S/F" grade is provided due to Covid-19. "S/F" grades are not used in calculating GPA and CGPA

Credit Earned: 20.50 Term GPA: Not Calculated

Cummulative Credits: 160.00 Cummulative GPA: 3.66

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