



BANGLADESH UNIVERSITY OF ENGINEERING AND TECHNOLOGY, DHAKA

TRANSCRIPT OF ACADEMIC RECORD

Name : Chowdhury Ahmed Hossain
 Student Number : 1810104
 Date of Birth : February 12, 2001
 Degree Awarded : Bachelor of Science In Mechanical Engineering
 abbreviated as B.Sc.Engg.(Mech)

Sessions Attended¹ : 2018-19 to 2021-22

Date of completion of the degree requirements : July, 2024

Minimum number of Credits required for Degree: 161.00

Total number of Credits earned by the student : 161.00

Grade Point Average (GPA)² earned : 3.48

Highest GPA in the class : 3.99

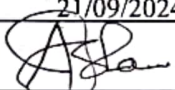
Number of students in the graduating class : 182

Merit position of the student : 111

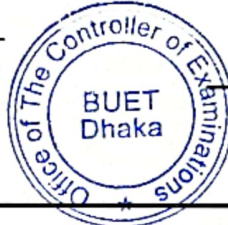
Number of graduates in the class with GPA more than the GPA of this student : 110

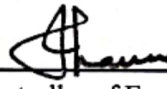
This Transcript contains four pages including this page.

Date Prepared : 21/09/2024

Prepared by : 

Verified by : 




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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	



BANGLADESH UNIVERSITY OF ENGINEERING AND TECHNOLOGY, DHAKA

Details of Academic Record

Name: Chowdhury Ahmed Hossain

Student Number: 1810104

Session 2018-19

Level-1 Term-1 (April,2019-February, 2020)

Course No	Course Title	Credits	Grade	Grade Point
CHEM 109	Chemistry-1	3.00	A+	4.00
CHEM 114	Inorganic Quantitative Analysis Sessional	1.50	A	3.75
EEE 159	Fundamentals of Electrical Engineering	3.00	A	3.75
EEE 160	Fundamentals of Electrical Engineering Sessional	0.75	B+	3.25
MATH 161	Differential Calculus, Solid Geometry and Vectors	4.00	A	3.75
ME 101	Introduction to Mechanical Engineering	3.00	A+	4.00
ME 160	Mechanical Engineering Drawing-1	1.50	A+	4.00
PHY 105	Structure of Matter, Electricity and Magnetism and Modern Physics	3.00	B+	3.25
SHOP 160	Foundry and Welding Shops	0.75	A+	4.00

Credit Earned: 20.50 Term GPA: 3.76

Cummulative Credits: 20.50 Cummulative GPA: 3.76

Session 2018-19

Level-1 Term-2 (February,2020-February, 2021)

Course No	Course Title	Credits	Grade	Grade Point
CHEM 141	Chemistry of Engineering Materials	3.00	S	---
HUM 101	English	3.00	S	---
MATH 163	Integral Calculus and Differential Equations	4.00	S	---
ME 171	Computer Programming Language	3.00	S	---
ME 172	Computer Programming Language Sessional	1.50	S	---
PHY 102	Physics Sessional	1.50	S	---
PHY 159	Waves and Oscillation, Geometrical Optics and Waves Mechanics	3.00	S	---
SHOP 170	Machine Shop Practice	0.75	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: 19.75 Term GPA: Not Calculated

Cummulative Credits: 40.25 Cummulative GPA: 3.76

Session 2019-20

Level-2 Term-1 (February,2021-November, 2021)

Course No	Course Title	Credits	Grade	Grade Point
EEE 259	Electrical and Electronics Technology	4.00	B	3.00
EEE 260	Electrical and Electronics Technology Sessional	1.50	A-	3.50
HUM 303	Principles of Accounting	3.00	A+	4.00
MATH 261	Vector Calculus, Matrices, Laplace Transform and Series Solution	4.00	B-	2.75
ME 203	Engineering Thermodynamics	3.00	B+	3.25
ME 204	Engineering Thermodynamics Sessional	0.75	A+	4.00
ME 247	Engineering Mechanics-1	3.00	A+	4.00

Credit Earned: 19.25 Term GPA: 3.38

Cummulative Credits: 59.50 Cummulative GPA: 3.57

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Details of Academic Record

Name: Chowdhury Ahmed Hossain

Student Number: 1810104

Session 2019-20

Level-2 Term-2 (November,2021-May, 2022)

Course No	Course Title	Credits	Grade	Grade Point
MATH 263	Complex Variables, Harmonic Analysis and Partial Differential Equations	4.00	B+	3.25
ME 243	Mechanics of Solids	3.00	A	3.75
ME 244	Mechanics of Solids Sessional	0.75	A+	4.00
ME 249	Engineering Mechanics-II	3.00	B	3.00
ME 260	Mechanical Engineering Drawing-II	1.50	A	3.75
ME 261	Numerical Analysis	3.00	A	3.75
ME 262	Numerical Analysis Sessional	0.75	A-	3.50
MME 291	Metallic Materials	3.00	B+	3.25
MME 292	Metallic Materials Sessional	1.50	B-	2.75

Credit Earned: 20.50

Term GPA: 3.40

Cummulative Credits: 80.00

Cummulative GPA: 3.51

Session 2020-21

Level-3 Term-1 (May,2022-November, 2022)

Course No	Course Title	Credits	Grade	Grade Point
IPE 331	Production Processes	4.00	A	3.75
IPE 332	Production Processes Sessional	0.75	B-	2.75
ME 305	Heat Transfer	3.00	B+	3.25
ME 306	Heat Transfer Sessional	0.75	A-	3.50
ME 321	Fluid Mechanics-I	3.00	B	3.00
ME 349	Mechanics of Machinery	3.00	A+	4.00
ME 350	Mechanics of Machinery Sessional	1.50	A-	3.50
ME 361	Instrumentation and Measurement	3.00	A+	4.00
ME 366	Electro-Mechanical System Design and Practics	1.50	A+	4.00

Credit Earned: 20.50

Term GPA: 3.59

Cummulative Credits: 100.50

Cummulative GPA: 3.53

Session 2020-21

Level-3 Term-2 (November,2022-May, 2023)

Course No	Course Title	Credits	Grade	Grade Point
HUM 203	Government	3.00	A-	3.50
IPE 381	Measurement and Quality Control	3.00	B+	3.25
IPE 382	Measurement and Quality Control Sessional	0.75	B	3.00
ME 307	Heat Transfer Equipment Design	3.00	B	3.00
ME 310	Thermo Fluid System Design	1.50	A	3.75
ME 323	Fluid Mechanics-II	3.00	A-	3.50
ME 326	Fluid Mechanics Sessional	0.75	A	3.75
ME 351	Machine Design	4.00	C	2.25
ME 352	Machine Design Sessional	1.50	B+	3.25

Credit Earned: 20.50

Term GPA: 3.14

Cummulative Credits: 121.00

Cummulative GPA: 3.45

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Details of Academic Record

Name: Chowdhury Ahmed Hossain

Student Number: 1810104

Session 2021-22

Level-4 Term-1 (June,2023-November, 2023)

Course No	Course Title	Credits	Grade	Grade Point
IPE 431	Machine Tools	3.00	B	3.00
IPE 432	Machine Tools Sessional	0.75	A	3.75
ME 400	Project and Thesis	3.00	X	---
ME 415	Refrigeration and Building Mechanical System	3.00	A-	3.50
ME 417	Internal Combustion Engines	3.00	A-	3.50
ME 418	Heat Engines Sessional	0.75	A+	4.00
ME 421	Fluid Machinery	3.00	B+	3.25
ME 422	Fluid Machinery Sessional	0.75	A-	3.50
ME 463	Petroleum Engineering	3.00	A	3.75

Credit Earned: 17.25

Term GPA: 3.45

Cummulative Credits: 138.25

Cummulative GPA: 3.45

Session 2021-22

Level-4 Term-2 (November,2023-July, 2024)

Course No	Course Title	Credits	Grade	Grade Point
IPE 481	Industrial Management	4.00	A-	3.50
ME 370	Industrial Training	0.00	S	0.00
ME 400	Project and Thesis	3.00 [+ 3.00]	A+	4.00
ME 413	Energy and Environment	3.00	A+	4.00
ME 419	Power Plant Engineering	3.00	B+	3.25
ME 420	Power Plant Engineering Sessional	0.75	B+	3.25
ME 449	Composite Materials	3.00	B+	3.25
ME 471	Bio-Engineering	3.00	A-	3.50

Credit Earned: 22.75

Term GPA: 3.62

Cummulative Credits: 161.00

Cummulative GPA: 3.48

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