



## TRANSCRIPT OF ACADEMIC RECORD

Name : Md. Ashaduzzaman Niloy Student Number : 160021002  
Date of Birth : 22 June, 1998  
Degree Awarded : Bachelor of Science in Electrical and Electronic Engineering  
Abbreviated as B.Sc.Engg. (EE)  
Duration of the Programme : 4 Years  
Academic Years Attended : 2016-2017 to 2019-2020  
Date of Completion of the Degree : 22 March, 2021  
Cumulative Grade Point Average (CGPA) : 3.82 out of maximum 4.00  
Total Credits Completed : 188  
Number of Students in the Graduating Class : 165  
Rank of the Student in the Class : 19

Transcript Number : 19419

Date of Issue : 29 March, 2021


Prepared by : 

Checked by : 



Registrar

Islamic University of Technology, Dhaka

  
2021.03.29

### \*Grading System

A+ : 80% and above - 4 points / credit A : 75% to below 80% - 3.75 points / credit  
A- : 70% to below 75% - 3.5 points / credit B+ : 65% to below 70% - 3.25 points / credit  
B : 60% to below 65% - 3.00 points / credit B- : 55% to below 60% - 2.75 points / credit  
C+ : 50% to below 55% - 2.5 points / credit C : 45% to below 50% - 2.25 points / credit  
D : 40% to below 45% - 2.00 points / credit F : below 40% (F means Fail)-0 point/credit  
Post Graduate Thesis Grading - S: Satisfactory, U: Unsatisfactory

Grade Point Average (GPA) =  $\frac{\text{Summation of (Number of Credits in a Course x Grade Point Earned in that Course)}}{\text{Total Number of Credits Earned}}$

Maximum Attainable GPA : 4.00  
GPA Required for First Class with Honours = 3.75  
GPA Required for First Class = 3.00  
Minimum GPA Required to Award the Degree = 2.00



### Details of Academic Record

Name : Md. Ashaduzzaman Niloy

Student Number : 160021002

#### First Semester

Examination Held: May, 2017

Academic Year: 2016-2017

Course No.	Course Title	Credit	Grade
MCE 4192	Engineering Drawing	0.75	A-
Math 4123	Mathematics II (Matrices and Differential Equations)	3.00	A
Math 4121	Mathematics I (Calculus and Geometry)	3.00	A
Hum 4125	Islamic Philosophy, History and Culture	3.00	A+
Phy 4121	Engineering Physics I	3.00	A
Chem 4121	Engineering Chemistry	3.00	A
CEE 4106	Civil Engineering Drawing	0.75	A
EEE 4101	Electrical Circuit I	3.00	A+
Chem 4122	Engineering Chemistry Lab	0.75	A+
Phy 4122	Engineering Physics I Lab	0.75	A+
Hum 4122	Arabic I	1.00	A+
EEE 4102	Electrical Circuit I Lab	1.50	A+

Grade Point Average (GPA) for this semester : 3.85

Cumulative Grade Point Average (CGPA) : 3.85

#### Third Semester

Examination Held: May-June, 2018

Academic Year: 2017-2018

Course No.	Course Title	Credit	Grade
EEE 4301	Power System I	3.00	A+
EEE 4302	Power System I Lab	0.75	A
EEE 4303	Electronics II	3.00	A
EEE 4304	Electronics II Lab	1.50	A+
EEE 4305	Energy Conversion I	3.00	A
EEE 4306	Energy Conversion I Lab	0.75	A
EEE 4307	Digital Electronics	3.00	A
EEE 4308	Digital Electronics Lab	1.50	A+
MCE 4391	Basic Mechanical Engineering	3.00	B+
MCE 4392	Basic Mechanical Engineering Lab	0.75	A+
Math 4321	Math IV (Transform Techniques and Linear Algebra)	3.00	A-

Grade Point Average (GPA) for this semester : 3.73

Cumulative Grade Point Average (CGPA) : 3.70

#### Second Semester

Examination Held: October-November, 2017

Academic Year: 2016-2017

Course No.	Course Title	Credit	Grade
CSE 4271	Computer Programming	2.00	A+
CSE 4272	Computer Programming Lab	1.50	A-
EEE 4201	Electrical Circuits II	3.00	B+
EEE 4202	Electrical Circuits II Lab	1.50	B
EEE 4203	Electronics I	3.00	A+
EEE 4204	Electronics I Lab	1.50	A-
Hum 4222	Arabic II	1.00	B-
Hum 4225	Professional Ethics and Legal Issues	3.00	A-
Math 4221	Complex Variable, Vector Analysis and Statistics	3.00	A
Phy 4221	Engineering Physics II	3.00	B+
Phy 4222	Engineering Physics II Lab	0.75	A+

Grade Point Average (GPA) for this semester : 3.53

Cumulative Grade Point Average (CGPA) : 3.69

#### Fourth Semester

Examination Held: October-November, 2018

Academic Year: 2017-2018

Course No.	Course Title	Credit	Grade
EEE 4401	Power System II	3.00	A+
EEE 4402	Power System II Lab	0.75	A
EEE 4403	Communication Engineering	3.00	A+
EEE 4404	Communication Engineering Lab	0.75	B+
EEE 4405	Energy Conversion II	3.00	A
EEE 4406	Energy Conversion II Lab	0.75	A
EEE 4416	Simulation Lab.	1.00	A+
EEE 4418	Electrical Services Design	1.00	A
Hum 4421	Science, Technology and Islam	2.00	A+
Math 4421	Random Signals and Processes	3.00	A+
Math 4422	Random Signals and Processes Lab	0.75	A
Phy 4421	Semiconductor Devices	3.00	B-

Grade Point Average (GPA) for this semester : 3.73

Cumulative Grade Point Average (CGPA) : 3.71



Checked by: Redam

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### Details of Academic Record

Name : Md. Ashaduzzaman Niloy

Student Number : 160021002

#### Fifth Semester

Examination Held: May, 2019

Academic Year: 2018-2019

Course No.	Course Title	Credit	Grade
EEE 4501	Electromagnetic Fields and Waves	3.00	A-
EEE 4503	Power Electronics	3.00	A
EEE 4504	Power Electronics Lab	1.50	A+
EEE 4516	Microprocessor and Assembly Language Programming Lab	1.50	A+
EEE 4518	Electrical And Electronics Workshop	1.00	A+
EEE 4523	Switchgear and Control Equipment I	3.00	A+
EEE 4524	Switchgear and Control Equipment I Lab	0.75	A
EEE 4531	Energy Conversion III	3.00	A+
Hum 4521	Engineering Management	3.00	A+
Math 4521	Numerical Methods	3.00	A+
Math 4522	Numerical Methods Lab	1.50	A

Grade Point Average (GPA) for this semester : 3.88

Cumulative Grade Point Average (CGPA) : 3.75

#### Seventh Semester

Examination Held: August, 2020

Academic Year: 2019-2020

Course No.	Course Title	Credit	Grade
EEE 4700	Project and Thesis	3.00	A+
EEE 4701	Digital Signal Processing	3.00	A-
EEE 4702	Digital Signal Processing Lab	0.75	A+
EEE 4703	Communication Engineering II	3.00	A
EEE 4704	Communication Engineering II Lab	0.75	A+
EEE 4705	Control System Engineering	3.00	A+
EEE 4706	Control System Engineering Lab	0.75	A+
EEE 4741	Optical Communication	3.00	A+
EEE 4742	Optical Communication Lab	0.75	A+
EEE 4773	Artificial Neural Networks and Fuzzy Logic	3.00	A+
EEE 4790	Industrial Training	1.00	A+
Hum 4721	Engineering Economics	2.00	A+

Grade Point Average (GPA) for this semester : 3.91

Cumulative Grade Point Average (CGPA) : 3.80

#### Sixth Semester

Examination Held: October-November, 2019

Academic Year: 2018-2019

Course No.	Course Title	Credit	Grade
EEE 4601	Signals and Systems	3.00	A
EEE 4602	Signals and Systems Lab	0.75	A+
EEE 4603	Measurement and Instrumentation	3.00	A+
EEE 4604	Measurement and Instrumentation Lab.	0.75	A+
EEE 4605	Microcontroller Based System Design	3.00	A+
EEE 4606	Microcontroller Based System Design Lab.	0.75	A
EEE 4625	Utilization of Electrical Energy	3.00	A+
EEE 4626	Utilization of Electrical Energy Lab.	0.75	A+
EEE 4635	Power Plant Engineering and Economy	3.00	A+
Hum 4621	Technology Environment and Society	3.00	A+

Grade Point Average (GPA) for this semester : 3.96

Cumulative Grade Point Average (CGPA) : 3.78

#### Eighth Semester

Examination Held: January, 2021

Academic Year: 2019-2020

Course No.	Course Title	Credit	Grade
EEE 4800	Project and Thesis	3.00	A+
EEE 4801	Power Generation	3.00	A+
EEE 4835	Power System Operation and Control	3.00	A+
EEE 4865	Digital Filter Design	3.00	A+
EEE 4866	Digital Filter Design Lab	0.75	A+
Hum 4821	Business Communication Skill	3.00	A+
Hum 4823	Sociology and Financial Accounting	3.00	A+
Phy 4821	Engineering Materials	2.00	A+

Grade Point Average (GPA) for this semester : 4.00

Cumulative Grade Point Average (CGPA) : 3.82



Checked by: Ridwan

Registrar  
Islamic University of Technology, Dhaka