

# Bangladesh University of Professionals



Mirpur Cantonment, Dhaka-1216, Bangladesh  
Phone: +88-02-8000441, Fax: +88-02-8000470  
Website: www.bup.edu.bd, E-mail: controller@bup.edu.bd

## TRANSCRIPT OF ACADEMIC RECORDS

Bachelor of Science in Aeronautical Engineering Examination-2024

1. Name : Nafim Ershad Inan
2. Father's Name : Md. Alamgir Ronny
3. Mother's Name : Lily Akter
4. Date of Birth : 13 Oct 2000
5. Name of Institution : Military Institute of Science and Technology
6. Roll Number : 202022035
7. Registration Number : 132201200035
8. Session : 2019-2020
9. Medium of Instructions & Examinations : English
10. Duration of the Program : 4 Years
11. Date of Publication of Result : 15 Jan 2025
12. Total Credit Hours Required : 160.50
13. Total Credit Hours Earned : 160.50
14. Cumulative Grade Point Average(CGPA) : 3.63 (Out of 4.00)

### Grading System

Marks	Grade	Grade Point
80% and Above	A+	4.00
75 to < 80%	A	3.75
70 to < 75%	A-	3.50
65 to < 70%	B+	3.25
60 to < 65%	B	3.00
55 to < 60%	B-	2.75
50 to < 55%	C+	2.50
45 to < 50%	C	2.25
40 to < 45%	D	2.00
< 40%	F	0.00
-	AB	Absent
-	DC	Discollegiate
-	VW	Voluntary Withdrawn
-	X	Project/Thesis Continuation
-	E	Expelled
-	S	Satisfactory

$$\text{Cumulative Grade Point Average(CGPA)} = \frac{\sum CiGi}{\sum Ci}$$

(Where Ci is the number of credit in a course  
and Gi is the grade point obtained in that course)


Maximum Attainable CGPA : 4.00

Minimum CGPA Required for Award of Degree : 2.20

Date of Preparation: 18 Mar 2025

Prepared by \_\_\_\_\_

Verified by \_\_\_\_\_

  
Mohammad Moinul Islam  
Deputy Controller of Examinations

N.B. : This transcript contains 6 pages including this page.

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Bachelor of Science in Aeronautical Engineering Examination-2024

Name : Nafim Ershad Inan  
Student No : 202022035

Registration No : 132201200035

Cr.Gp. 0-36, Spring 2020, Examination of Academic Session 2019-2020					Roll No : 202022035
Course No	Course Title	Credit Hours	Grade	Grade Point	
AEAS-103	Fundamentals of Aeronautical Engineering	3.00	A+	4.00	
AEAS-110	Aeronautical Engineering Drawing-I	1.50	A-	3.50	
AEAV-101	Electrical Circuit Analysis-I	3.00	A+	4.00	
AEAV-102	Electrical Circuit Analysis-I Sessional	1.50	A-	3.50	
MATH-121	Math-I (Differential and Integral Calculus)	3.00	A	3.75	
MATH-127	Math II ( Vector Analysis, Matrix and Coordinate Geometry)	3.00	A+	4.00	
PHY-115	Physics-I (Waves and Oscillation, Optics and Thermal Physics)	3.00	A-	3.50	
PHY-116	Physics Sessional	1.50	A+	4.00	
SHOP-108	Workshop Technology Sessional-I	0.75	A	3.75	

Total Credit : 20.25

Credit Earned : 20.25

Term GPA : 3.81

Cr.Gp. 0-36, Fall 2020, Examination of Academic Session 2019-2020					Roll No : 202022035
Course No	Course Title	Credit Hours	Grade	Grade Point	
AEAV-103	Computer Programming and Applications	3.00	A+	4.00	
AEAV-104	Computer Programming and Applications Sessional	1.50	A	3.75	
CHEM-107	Chemistry (Atomic Structure, Thermochemistry and Chemistry of Engineering Materials)	3.00	DC	0.00	
CHEM-108	Chemistry Sessional	1.50	DC	0.00	
HUM-111	English	3.00	DC	0.00	
HUM-112	Technical Report Writing and Presentation	1.50	DC	0.00	
MATH-129	Math III (Ordinary and Partial Differential Equations)	3.00	DC	0.00	
PHY-117	Phy II (Electricity and Magnetism, Modern Physics and Mechanics)	3.00	A	3.75	
SHOP-112	Workshop Technology Sessional -II	0.75	A+	4.00	

Total Credit : 20.25


Credit Earned : 8.25

Term GPA : 3.86

Date of Preparation: 18 Mar 2025

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Bachelor of Science in Aeronautical Engineering Examination-2024

Name : Nafim Ershad Inan  
Student No : 202022035

Registration No : 132201200035

Cr.Gp. 0-36, Spring 2021, Examination of Academic Session 2020-2021				Roll No : 202022035
Course No	Course Title	Credit Hours	Grade	Grade Point
AEAS-201	Engineering Mechanics (Statics and Dynamics)	4.00	A-	3.50
AEAV-201	Electrical Circuit Analysis-II	3.00	A-	3.50
AEAV-202	Electrical Circuit Analysis-II Sessional	1.50	A+	4.00
AEAV-203	Electronics-I	3.00	A-	3.50
AEAV-205	Numerical Analysis and Application	3.00	B+	3.25
AEAV-226	Numerical Analysis and Application Sessional	0.75	A+	4.00
HUM-211	Principles of Accounting	3.00	A-	3.50
MATH-223	Math IV (Complex Variable and Laplace Transform)	3.00	A-	3.50

Total Credit : 21.25

Credit Earned : 21.25

Term GPA : 3.52

Cr.Gp. 36-72, Fall 2021, Examination of Academic Session 2020-2021				Roll No : 202022035
Course No	Course Title	Credit Hours	Grade	Grade Point
AEAS-203	Fundamentals of Fluid Mechanics	3.00	B-	2.75
AEAS-207	Thermodynamics	3.00	B	3.00
AEAS-208	Thermodynamics Sessional	0.75	A-	3.50
AEAS-210	Aeronautical Engineering Drawing-II	1.50	B+	3.25
AEAV-209	Electro-mechanical System	3.00	A	3.75
AEAV-210	Electro-mechanical System Sessional	0.75	A+	4.00
AEAV-215	Electronics-II	3.00	B	3.00
AEAV-216	Electronics-II Sessional	1.50	B	3.00
CHEM-107	Chemistry (Atomic Structure, Thermochemistry and Chemistry of Engineering Materials)	3.00	B	3.00
HUM-112	Technical Report Writing and Presentation	1.50	B+	3.25
MATH-225	Math V (Fourier Analysis and Statistics)	3.00	B+	3.25

Total Credit : 24.00

Credit Earned : 24.00

Term GPA : 3.17

Date of Preparation: 18 Mar 2025

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## TRANSCRIPT OF ACADEMIC RECORDS Bachelor of Science in Aeronautical Engineering Examination-2024

Name : Nafim Ershad Inan  
Student No : 202022035

Registration No : 132201200035

Cr.Gp. 72-108, Spring 2022, Examination of Academic Session 2021-2022				Roll No : 202022035
Course No	Course Title	Credit Hours	Grade	Grade Point
AEAS-335	Applied Aerodynamics	3.00	B+	3.25
AEAS-336	Applied Aerodynamics Sessional	0.75	B-	2.75
AEAS-337	Aerospace Propulsion	3.00	A-	3.50
AEAS-338	Aerospace Propulsion Sessional	0.75	B	3.00
AEAV-301	Digital Systems	3.00	A+	4.00
AEAV-302	Digital Systems Sessional	1.50	A+	4.00
AEAV-303	Signals and Systems	3.00	A-	3.50
AEAV-309	Aircraft Avionics Systems	3.00	A+	4.00
HUM-305	Economics	3.00	A+	4.00

Total Credit : 21.00

Credit Earned : 21.00

Term GPA : 3.67

Cr.Gp. 72-108, Fall 2022, Examination of Academic Session 2021-2022				Roll No : 202022035
Course No	Course Title	Credit Hours	Grade	Grade Point
AE-300	Industrial Training	1.00	A+	4.00
AEAS-315	Aerospace Vehicle Stability and Control	3.00	A-	3.50
AEAV-305	Communication Engineering	3.00	A	3.75
AEAV-306	Communication Engineering Sessional	0.75	A-	3.50
AEAV-307	Electro-Magnetic Field Theory	3.00	A-	3.50
AEAV-313	Digital Signal Processing	3.00	A+	4.00
AEAV-324	Digital Signal Processing Sessional	0.75	A+	4.00
AEAV-329	Measurement and Aircraft Instruments	3.00	A+	4.00
AEAV-330	Measurement and Aircraft Instruments Sessional	0.75	A	3.75
CHEM-108	Chemistry Sessional	1.50	B+	3.25
MATH-129	Math III (Ordinary and Partial Differential Equations)	3.00	B+	3.25

Total Credit : 22.75

Credit Earned : 22.75

Term GPA : 3.66

Date of Preparation: 18 Mar 2025

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Name : Nafim Ershad Inan  
Student No : 202022035

Registration No : 132201200035

Cr.Gp. >108, Spring 2023, Examination of Academic Session 2022-2023			Roll No : 202022035	
Course No	Course Title	Credit Hours	Grade	Grade Point
AEAS-423	Aerospace Management	3.00	A-	3.50
AEAS-447	Space Engineering	3.00	A+	4.00
AEAV-401	Microwave Engineering	3.00	A+	4.00
AEAV-407	Radar Engineering	3.00	A+	4.00
AEAV-408	Radar Engineering Sessional	0.75	A	3.75
AEAV-411	Control Systems Engineering	3.00	A+	4.00
AEAV-412	Control Systems Engineering Sessional	0.75	B+	3.25
AEAV-442	Microwave Engineering Sessional	0.75	A-	3.50
AEAV-480	Final Year Design and Research Project	3.00	X	0.00

Total Credit : 17.25

Credit Earned : 17.25

Term GPA : 3.85

Cr.Gp. >108, Fall 2023, Examination of Academic Session 2022-2023			Roll No : 202022035	
Course No	Course Title	Credit Hours	Grade	Grade Point
AEAS-445	Industrial and Business Management	3.00	A	3.75
AEAS-455	Human Performance and Limitations	3.00	A	3.75
AEAV-415	Satellite Communication	3.00	A	3.75
AEAV-443	Aircraft Communication and Navigation	4.00	B+	3.25
AEAV-444	Aircraft Communication and Navigation Sessional	0.75	A+	4.00
AEAV-480	Final Year Design and Research Project	0.00	A+	4.00
HUM-421	Society, Culture, Engineering Ethics	3.00	A+	4.00

Total Credit : 22.75

Credit Earned : 22.75

Term GPA : 3.77

Date of Preparation: 18 Mar 2025

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Cr.Gp. >108, Spring 2024, Examination of Academic Session 2023-2024			Roll No : 202022035	
Course No	Course Title	Credit Hours	Grade	Grade Point
HUM-111	English	3.00	B+	3.25

Total Credit : 3.00

Credit Earned : 3.00

Term GPA : 3.25

### Summary

Total Enrolled Credit	Total Earned Credit	CGPA	Remarks
160.50	160.50	3.63	Degree Awarded

Date of Preparation: 18 Mar 2025

Prepared by \_\_\_\_\_

Verified by \_\_\_\_\_

Mohammad Moinul Islam  
Deputy Controller of Examinations