Serial No. 24003600A01555 B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: BIRBHADRA GORAI **Roll No. 200340900026**

Honours: MATHEMATICS

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	8	6	48	2020	9.00	8.45	Q
		CC-2	Algebra	10	6	60	2020			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2020			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2021	9.00	8.90	Q
		CC-4	Differential Equations and Vector Calculus	9	6	54	2021			
	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2021			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2021			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	9	6	54	2021	9.00	8.92	Q
		CC-6	Group Theory I	10	6	60	2021			
		CC-7	Numerical Methods	8	6	48	2021			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	9	6	54	2021			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2021			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	10	6	60	2022	9.67	9.23	Q
		CC-9	Multivariate Calculus	9	6	54	2022			
		CC-10	Ring Theory and Linear Algebra I	10	6	60	2022			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2022			
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2022			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2022	5.75	5.75	Q
		CC-12	Mechanics I	5	6	30	2022			
	MATHEMATICS	DSE-1	Point Set Topology	5	6	30	2022			
		DSE-2	Probability & Statistics	6	6	36	2022			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	6	6	36	2023	6.25	6.25	Q
		CC-14	Ring Theory and Linear Algebra II	5	6	30	2024			
	MATHEMATICS	DSE-3	Group Theory II	6	6	36	2023			
		DSE-4	Project Work	8	6	48	2023			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **7.78**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **7.92**

Letter Grade in CGPA : A **Result : Q**

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600A01556

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: DURBA BHATTACHARYYA **Roll No. 200340900037**

Honours: MATHEMATICS

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	9	6	54	2020	9.00	8.45	Q
		CC-2	Algebra	9	6	54	2020			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2020			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2021	9.00	8.90	Q
		CC-4	Differential Equations and Vector Calculus	9	6	54	2021			
	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2021			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2021			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	9	6	54	2021	9.00	9.00	Q
		CC-6	Group Theory I	9	6	54	2021			
		CC-7	Numerical Methods	9	6	54	2021			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	9	6	54	2021			
	MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2021			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	10	6	60	2022	9.33	9.23	Q
		CC-9	Multivariate Calculus	9	6	54	2022			
		CC-10	Ring Theory and Linear Algebra I	9	6	54	2022			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2022			
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2022			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2022	5.50	5.50	Q
		CC-12	Mechanics I	5	6	30	2022			
	MATHEMATICS	DSE-1	Point Set Topology	4	6	24	2022			
		DSE-2	Probability & Statistics	7	6	42	2023			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	5	6	30	2023	6.00	6.00	Q
		CC-14	Ring Theory and Linear Algebra II	4	6	24	2023			
	MATHEMATICS	DSE-3	Group Theory II	6	6	36	2024			
		DSE-4	Project Work	9	6	54	2023			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **7.61**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **7.85**

Letter Grade in CGPA : A

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: HIMADRI KOLAY **Roll No. 200340900039**

Honours: MATHEMATICS

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	9	6	54	2020	9.50	8.91	Q
		CC-2	Algebra	10	6	60	2020			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2020			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2021	9.00	9.10	Q
		CC-4	Differential Equations and Vector Calculus	9	6	54	2021			
	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2021			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	9	6	54	2021	8.67	8.46	Q
		CC-6	Group Theory I	9	6	54	2021			
		CC-7	Numerical Methods	8	6	48	2021			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	8	6	48	2021			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2021			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	9	6	54	2022	9.00	8.62	Q
		CC-9	Multivariate Calculus	9	6	54	2022			
		CC-10	Ring Theory and Linear Algebra I	9	6	54	2022			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2022			
	MATHEMATICS	SEC-2	Graph Theory	7	2	14	2022			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2022	6.00	6.00	Q
		CC-12	Mechanics I	6	6	36	2022			
	MATHEMATICS	DSE-1	Point Set Topology	5	6	30	2022			
		DSE-2	Probability & Statistics	6	6	36	2023			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	5	6	30	2023	6.00	6.00	Q
		CC-14	Ring Theory and Linear Algebra II	7	6	42	2024			
	MATHEMATICS	DSE-3	Group Theory II	4	6	24	2023			
		DSE-4	Project Work	8	6	48	2023			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **7.67**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **7.82**

Letter Grade in CGPA : A **Result : Q**

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amrita Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003612X01558

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: PRASENJIT CHAKRABORTTY **Roll No. 200340900073**

Honours: MATHEMATICS

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	7	6	42	2020	8.00	7.91	Q
		CC-2	Algebra	9	6	54	2020			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2020			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2021	9.00	8.60	Q
		CC-4	Differential Equations and Vector Calculus	9	6	54	2021			
	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2021			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2021			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	9	6	54	2021	9.00	8.69	Q
		CC-6	Group Theory I	10	6	60	2021			
		CC-7	Numerical Methods	8	6	48	2021			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	8	6	48	2021			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2021			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	9	6	54	2022	9.33	8.85	Q
		CC-9	Multivariate Calculus	10	6	60	2022			
		CC-10	Ring Theory and Linear Algebra I	9	6	54	2022			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2022			
	MATHEMATICS	SEC-2	Graph Theory	7	2	14	2022			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	NA	6	NA				SNC
		CC-12	Mechanics I	4	6	24	2022			
	MATHEMATICS	DSE-1	Point Set Topology	NA	6	NA				
		DSE-2	Probability & Statistics	5	6	30	2023			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	5	6	30	2023			SNC
		CC-14	Ring Theory and Linear Algebra II	7	6	42	2023			
	MATHEMATICS	DSE-3	Group Theory II	NA	6	NA				
		DSE-4	Project Work	9	6	54	2023			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :	**Letter Grade in CGPA :**	**Result : PNC**
CGPA (Cumulative Grade Point Average) on the basis of All Courses :		

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms			
90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600A01559

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: RAJDEB DEY **Roll No. 200340900083**

Honours: MATHEMATICS

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	9	6	54	2020	9.00	8.45	Q
		CC-2	Algebra	9	6	54	2020			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2020			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2021	9.00	8.70	Q
		CC-4	Differential Equations and Vector Calculus	9	6	54	2021			
	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2021			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2021			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	8	6	48	2021	8.67	8.46	Q
		CC-6	Group Theory I	10	6	60	2021			
		CC-7	Numerical Methods	8	6	48	2021			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	8	6	48	2021			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2021			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	9	6	54	2022	9.00	8.85	Q
		CC-9	Multivariate Calculus	9	6	54	2022			
		CC-10	Ring Theory and Linear Algebra I	9	6	54	2022			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2022			
	MATHEMATICS	SEC-2	Graph Theory	7	2	14	2022			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2022	4.75	4.75	Q
		CC-12	Mechanics I	5	6	30	2022			
	MATHEMATICS	DSE-1	Point Set Topology	4	6	24	2022			
		DSE-2	Probability & Statistics	4	6	24	2023			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	4	6	24	2023	5.75	5.75	Q
		CC-14	Ring Theory and Linear Algebra II	6	6	36	2024			
	MATHEMATICS	DSE-3	Group Theory II	4	6	24	2024			
		DSE-4	Project Work	9	6	54	2023			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **7.28**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **7.48**

Letter Grade in CGPA : A

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amrita Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600A01560

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: SWOYETA DAS **Roll No. 200340900166**

Honours: MATHEMATICS

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	7	6	42	2020	8.00	7.64	Q
		CC-2	Algebra	9	6	54	2020			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2020			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2021	9.00	8.90	Q
		CC-4	Differential Equations and Vector Calculus	9	6	54	2021			
	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2021			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2021			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	8	6	48	2021	8.33	8.31	Q
		CC-6	Group Theory I	9	6	54	2021			
		CC-7	Numerical Methods	8	6	48	2021			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	8	6	48	2021			
	MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2021			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	10	6	60	2022	9.33	8.85	Q
		CC-9	Multivariate Calculus	9	6	54	2022			
		CC-10	Ring Theory and Linear Algebra I	9	6	54	2022			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2022			
	MATHEMATICS	SEC-2	Graph Theory	7	2	14	2022			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2022	5.25	5.25	Q
		CC-12	Mechanics I	5	6	30	2022			
	MATHEMATICS	DSE-1	Point Set Topology	5	6	30	2022			
		DSE-2	Probability & Statistics	4	6	24	2022			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	6	6	36	2023	6.00	6.00	Q
		CC-14	Ring Theory and Linear Algebra II	5	6	30	2024			
	MATHEMATICS	DSE-3	Group Theory II	4	6	24	2023			
		DSE-4	Project Work	9	6	54	2023			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **7.33**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **7.48**

Letter Grade in CGPA : A

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600B+01561

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: SWARNENDU BAYEN **Roll No. 200340900169**

Honours: ZOOLOGY

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	7	6	42	2020	7.00	7.55	Q
		CC-2	Ecology	7	6	42	2020			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2020			
II	ZOOLOGY	CC-3	Non-chordates II	8	6	48	2021	8.00	8.00	Q
		CC-4	Cell Biology	8	6	48	2021			
	BOTANY	GE-2	Plant Ecology and Taxonomy	8	6	48	2021			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2021			
III	ZOOLOGY	CC-5	Chordates	9	6	54	2021	8.33	8.54	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	7	6	42	2021			
		CC-7	Fundamentals of Biochemistry	9	6	54	2021			
	BOTANY	GE-3	Plant Anatomy and Embryology	9	6	54	2021			
	ZOOLOGY	SEC-1	Sericulture	9	2	18	2021			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	8	6	48	2022	8.00	8.08	Q
		CC-9	Animal Physiology: Life Sustaining Systems	9	6	54	2022			
		CC-10	Immunology	7	6	42	2022			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2022			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	9	2	18	2022			
V	ZOOLOGY	CC-11	Molecular Biology	5	6	30	2023	5.25	5.25	Q
		CC-12	Genetics	5	6	30	2023			
	ZOOLOGY	DSE-1	Animal Biotechnology	5	6	30	2023			
		DSE-2	Parasitology	6	6	36	2023			
VI	ZOOLOGY	CC-13	Developmental Biology	5	6	30	2024	4.75	4.75	Q
		CC-14	Evolutionary Biology	4	6	24	2024			
	ZOOLOGY	DSE-3	Animal Behaviour	5	6	30	2024			
		DSE-4	Endocrinology	5	6	30	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **6.61**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **7.03**

Letter Grade in CGPA : B+

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003602X01441 B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: ANANYA KUNDU **Roll No. 210340900003**

Honours: ENVIRONMENTAL SCIENCE

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ENVIRONMENTAL SCIENCE	CC-1	Fundamentals of Environment	7	6	42	2021			SNC
		CC-2	Environmental Biology	7	6	42	2021			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	NC	6	NC				
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2021			
II	ENVIRONMENTAL SCIENCE	CC-3	Environmental Chemistry	8	6	48	2022	8.00	8.30	Q
		CC-4	Environmental Physics	8	6	48	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2022			
III	ENVIRONMENTAL SCIENCE	CC-5	Earth Science	4	6	24	2023			SNC
		CC-6	Environmental Resources	4	6	24	2022			
		CC-7	Green Chemistry & Environmental Applications	NA	6	NA				
	ZOOLOGY	GE-3	Physiology and Biochemistry	4	6	24	2022			
	ENVIRONMENTAL SCIENCE	SEC-1	Remote Sensing & Geographical Information System (GIS)	5	2	10	2023			
IV	ENVIRONMENTAL SCIENCE	CC-8	Ecotoxicology & Environmental Biotechnology	NA	6	NA				SNC
		CC-9	Environmental Laws, Policies & Environmental Impact Assessment	5	6	30	2023			
		CC-10	Natural Hazards & Management & Waste Management	5	6	30	2023			
	BOTANY	GE-4	Plant Physiology and Metabolism	7	6	42	2023			
	ENVIRONMENTAL SCIENCE	SEC-2	Conservation & Ecotourism	6	2	12	2023			
V	ENVIRONMENTAL SCIENCE	CC-11	Environmental Pollution	5	6	30	2023	4.75	4.75	Q
		CC-12	Environmental Engineering & Statistics	4	6	24	2023			
	ENVIRONMENTAL SCIENCE	DSE-1	Environmental Pollution & Monitoring Techniques	4	6	24	2023			
		DSE-2	Environmental Health & Stress Physiology	6	6	36	2023			
VI	ENVIRONMENTAL SCIENCE	CC-13	Environmental Economics & Management	4	6	24	2024	4.50	4.50	Q
		CC-14	Wildlife Management & Conservation	4	6	24	2024			
	ENVIRONMENTAL SCIENCE	DSE-3	Atmosphere & Global Climate Change	5	6	30	2024			
		DSE-4	Solid Waste Management	5	6	30	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :

CGPA (Cumulative Grade Point Average) on the basis of All Courses :

Letter Grade in CGPA :

Result : PNC

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600A01442

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: ANIKET LAHA **Roll No. 210340900004**

Honours: COMPUTER SCIENCE

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	COMPUTER SCIENCE	CC-1	Programming Fundamentals using C/C++	10	6	60	2021	9.50	9.27	Q
		CC-2	Computer System Architecture	9	6	54	2021			
	PHYSICS	GE-1	Mechanics	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	COMPUTER SCIENCE	CC-3	Programming in Java	9	6	54	2022	9.50	9.40	Q
		CC-4	Discrete Structure	10	6	60	2022			
	MATHEMATICS	GE-2	Differential Equations	9	6	54	2022			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2022			
III	COMPUTER SCIENCE	CC-5	Data Structure	6	6	36	2022	6.33	6.31	Q
		CC-6	Operating Systems	7	6	42	2022			
		CC-7	Computer Networks	6	6	36	2022			
	MATHEMATICS	GE-3	Real Analysis	5	6	30	2022			
	COMPUTER SCIENCE	SEC-1	Programming in Python	10	2	20	2022			
IV	COMPUTER SCIENCE	CC-8	Design and Analysis of Algorithms	8	6	48	2023	7.67	7.46	Q
		CC-9	Software Engineering	7	6	42	2023			
		CC-10	Database Management System	8	6	48	2023			
	PHYSICS	GE-4	Waves and Optics	6	6	36	2023			
	COMPUTER SCIENCE	SEC-2	UNIX / Linux Programming	10	2	20	2023			
V	COMPUTER SCIENCE	CC-11	Internet Technologies	6	6	36	2023	6.75	6.75	Q
		CC-12	Theory of Computation	5	6	30	2023			
	COMPUTER SCIENCE	DSE-1	Microprocessors	8	6	48	2023			
		DSE-2	System Programming	8	6	48	2023			
VI	COMPUTER SCIENCE	CC-13	Artificial Intelligence	9	6	54	2024	8.00	8.00	Q
		CC-14	Computer Graphics	9	6	54	2024			
	COMPUTER SCIENCE	DSE-3	Soft Computing	9	6	54	2024			
		DSE-4	Project Work / Dissertation	5	6	30	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **7.72**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **7.77**

Letter Grade in CGPA : A

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms			
90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600A01443

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: ANIMESH MALICK **Roll No. 210340900005**

Honours: MATHEMATICS

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	9	6	54	2021	9.00	9.00	Q
		CC-2	Algebra	9	6	54	2021			
	COMPUTER SCIENCE	GE-1	Problem Solving using Computer	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2022	9.00	8.50	Q
		CC-4	Differential Equations and Vector Calculus	9	6	54	2022			
	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2022			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2022			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2023	6.00	6.15	Q
		CC-6	Group Theory I	7	6	42	2023			
		CC-7	Numerical Methods	6	6	36	2022			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2022			
	MATHEMATICS	SEC-1	Logic and Sets	5	2	10	2022			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	4	6	24	2023	4.67	5.38	Q
		CC-9	Multivariate Calculus	4	6	24	2023			
		CC-10	Ring Theory and Linear Algebra I	6	6	36	2023			
	COMPUTER SCIENCE	GE-4	Computer System Architecture	7	6	42	2023			
	MATHEMATICS	SEC-2	Graph Theory	7	2	14	2023			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2023	6.50	6.50	Q
		CC-12	Mechanics I	5	6	30	2023			
	MATHEMATICS	DSE-1	Point Set Topology	6	6	36	2023			
		DSE-2	Probability & Statistics	8	6	48	2023			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	8	6	48	2024	8.75	8.75	Q
		CC-14	Ring Theory and Linear Algebra II	9	6	54	2024			
	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2024			
		DSE-4	Project Work	8	6	48	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **7.17**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **7.28**

Letter Grade in CGPA : A

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amitya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600A01444

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: ANISHA BAIREI **Roll No. 210340900006**

Honours: MATHEMATICS

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	9	6	54	2021	8.50	8.55	Q
		CC-2	Algebra	8	6	48	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2021			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2022	8.50	7.90	Q
		CC-4	Differential Equations and Vector Calculus	8	6	48	2022			
	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2022			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2022			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2022	5.67	5.62	Q
		CC-6	Group Theory I	6	6	36	2023			
		CC-7	Numerical Methods	6	6	36	2022			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2022			
	MATHEMATICS	SEC-1	Logic and Sets	4	2	8	2022			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	8	6	48	2023	7.00	7.08	Q
		CC-9	Multivariate Calculus	7	6	42	2023			
		CC-10	Ring Theory and Linear Algebra I	6	6	36	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2023			
	MATHEMATICS	SEC-2	Graph Theory	8	2	16	2023			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2023	6.25	6.25	Q
		CC-12	Mechanics I	5	6	30	2023			
	MATHEMATICS	DSE-1	Point Set Topology	5	6	30	2023			
		DSE-2	Probability & Statistics	8	6	48	2023			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	7	6	42	2024	8.25	8.25	Q
		CC-14	Ring Theory and Linear Algebra II	8	6	48	2024			
	MATHEMATICS	DSE-3	Group Theory II	9	6	54	2024			
		DSE-4	Project Work	9	6	54	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **7.22**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **7.21**

Letter Grade in CGPA : A

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003612X01445

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: ANUP MONDAL **Roll No. 210340900007**

Honours: MATHEMATICS

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	8	6	48	2021	8.50	8.73	Q
		CC-2	Algebra	9	6	54	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2022	9.00	8.20	Q
		CC-4	Differential Equations and Vector Calculus	9	6	54	2022			
	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2022			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2022			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	NA	6	NA				SNC
		CC-6	Group Theory I	4	6	24	2023			
		CC-7	Numerical Methods	4	6	24	2022			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2022			
	MATHEMATICS	SEC-1	Logic and Sets	6	2	12	2023			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	NA	6	NA				SNC
		CC-9	Multivariate Calculus	NA	6	NA				
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2023			
	MATHEMATICS	SEC-2	Graph Theory	8	2	16	2023			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	NA	6	NA				SNC
		CC-12	Mechanics I	NA	6	NA				
	MATHEMATICS	DSE-1	Point Set Topology	NA	6	NA				
		DSE-2	Probability & Statistics	5	6	30	2023			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	5	6	30	2024			SNC
		CC-14	Ring Theory and Linear Algebra II	5	6	30	2024			
	MATHEMATICS	DSE-3	Group Theory II	NA	6	NA				
		DSE-4	Project Work	8	6	48	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :	**Letter Grade in CGPA :**	**Result : PNC**
CGPA (Cumulative Grade Point Average) on the basis of All Courses :		

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms			
90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600A+01446

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: ANWESHA KONAR **Roll No. 210340900009**

Honours: MATHEMATICS

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	10	6	60	2021	10.00	9.55	Q
		CC-2	Algebra	10	6	60	2021			
	COMPUTER SCIENCE	GE-1	Problem Solving using Computer	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	MATHEMATICS	CC-3	Real Analysis	10	6	60	2022	10.00	9.50	Q
		CC-4	Differential Equations and Vector Calculus	10	6	60	2022			
	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2022			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	9	6	54	2022	8.33	8.00	Q
		CC-6	Group Theory I	8	6	48	2022			
		CC-7	Numerical Methods	8	6	48	2022			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	8	6	48	2022			
	MATHEMATICS	SEC-1	Logic and Sets	5	2	10	2022			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	10	6	60	2023	8.67	9.08	Q
		CC-9	Multivariate Calculus	9	6	54	2023			
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2023			
	COMPUTER SCIENCE	GE-4	Computer System Architecture	10	6	60	2023			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2023			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2023	7.50	7.50	Q
		CC-12	Mechanics I	4	6	24	2023			
	MATHEMATICS	DSE-1	Point Set Topology	10	6	60	2023			
		DSE-2	Probability & Statistics	9	6	54	2023			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2024	9.00	9.00	Q
		CC-14	Ring Theory and Linear Algebra II	8	6	48	2024			
	MATHEMATICS	DSE-3	Group Theory II	8	6	48	2024			
		DSE-4	Project Work	10	6	60	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **8.72**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **8.73**

Letter Grade in CGPA : A+

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600B+01447

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: APURBA ROY **Roll No. 210340900010**

Honours: ENVIRONMENTAL SCIENCE

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ENVIRONMENTAL SCIENCE	CC-1	Fundamentals of Environment	9	6	54	2021	8.50	8.73	Q
		CC-2	Environmental Biology	8	6	48	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	ENVIRONMENTAL SCIENCE	CC-3	Environmental Chemistry	9	6	54	2022	9.00	8.90	Q
		CC-4	Environmental Physics	9	6	54	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2022			
III	ENVIRONMENTAL SCIENCE	CC-5	Earth Science	7	6	42	2022	6.00	5.92	Q
		CC-6	Environmental Resources	6	6	36	2022			
		CC-7	Green Chemistry & Environmental Applications	5	6	30	2022			
	ZOOLOGY	GE-3	Physiology and Biochemistry	6	6	36	2022			
	ENVIRONMENTAL SCIENCE	SEC-1	Remote Sensing & Geographical Information System (GIS)	5	2	10	2022			
IV	ENVIRONMENTAL SCIENCE	CC-8	Ecotoxicology & Environmental Biotechnology	5	6	30	2023	6.33	6.69	Q
		CC-9	Environmental Laws, Policies & Environmental Impact Assessment	6	6	36	2023			
		CC-10	Natural Hazards & Management & Waste Management	8	6	48	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2023			
	ENVIRONMENTAL SCIENCE	SEC-2	Conservation & Ecotourism	9	2	18	2023			
V	ENVIRONMENTAL SCIENCE	CC-11	Environmental Pollution	8	6	48	2023	6.50	6.50	Q
		CC-12	Environmental Engineering & Statistics	6	6	36	2023			
	ENVIRONMENTAL SCIENCE	DSE-1	Environmental Pollution & Monitoring Techniques	5	6	30	2023			
		DSE-2	Environmental Health & Stress Physiology	7	6	42	2023			
VI	ENVIRONMENTAL SCIENCE	CC-13	Environmental Economics & Management	5	6	30	2024	6.75	6.75	Q
		CC-14	Wildlife Management & Conservation	8	6	48	2024			
	ENVIRONMENTAL SCIENCE	DSE-3	Atmosphere & Global Climate Change	7	6	42	2024			
		DSE-4	Solid Waste Management	7	6	42	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **6.94**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **7.15**

Letter Grade in CGPA : B+

Result : Q

Date of Publication of Result : 31.08.2024

$$SGPA\ (S) = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms				Percentage Conversion Formula:
90% to 100%	10	80% and above but below 90%	9	= (SGPA or CGPA×10) - 5.0
70% and above but below 80%	8	60% and above but below 70%	7	*Letter Grade in CGPA is awarded on the basis of CCs and DSEs
50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	

Serial No. 24003612X01448

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: ARINDAM MALIK **Roll No. 210340900013**

Honours: MATHEMATICS

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	8	6	48	2021	8.00	8.45	Q
		CC-2	Algebra	8	6	48	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2022	8.50	8.30	Q
		CC-4	Differential Equations and Vector Calculus	8	6	48	2022			
	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2022			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2022			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2022	4.67	4.92	Q
		CC-6	Group Theory I	4	6	24	2023			
		CC-7	Numerical Methods	6	6	36	2022			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2022			
	MATHEMATICS	SEC-1	Logic and Sets	4	2	8	2023			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	NA	6	NA				SNC
		CC-9	Multivariate Calculus	NA	6	NA				
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2023			
	MATHEMATICS	SEC-2	Graph Theory	8	2	16	2023			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	NA	6	NA				SNC
		CC-12	Mechanics I	NA	6	NA				
	MATHEMATICS	DSE-1	Point Set Topology	5	6	30	2023			
		DSE-2	Probability & Statistics	4	6	24	2023			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	NA	6	NA				SNC
		CC-14	Ring Theory and Linear Algebra II	NA	6	NA				
	MATHEMATICS	DSE-3	Group Theory II	5	6	30	2024			
		DSE-4	Project Work	8	6	48	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :								**Letter Grade in CGPA :**		**Result : PNC**
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Bodhi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms				Percentage Conversion Formula:
90% to 100%	10	80% and above but below 90%	9	= (SGPA or CGPA×10) - 5.0
70% and above but below 80%	8	60% and above but below 70%	7	*Letter Grade in CGPA is awarded on the basis of CCs and DSEs
50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	

Serial No. 24003600A+01449

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: ARPITA CHAKRABORTY **Roll No. 210340900014**

Honours: ENVIRONMENTAL SCIENCE

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ENVIRONMENTAL SCIENCE	CC-1	Fundamentals of Environment	10	6	60	2021	9.50	9.27	Q
		CC-2	Environmental Biology	9	6	54	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	ENVIRONMENTAL SCIENCE	CC-3	Environmental Chemistry	10	6	60	2022	10.00	9.40	Q
		CC-4	Environmental Physics	10	6	60	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2022			
III	ENVIRONMENTAL SCIENCE	CC-5	Earth Science	8	6	48	2022	8.00	7.69	Q
		CC-6	Environmental Resources	9	6	54	2022			
		CC-7	Green Chemistry & Environmental Applications	7	6	42	2022			
	ZOOLOGY	GE-3	Physiology and Biochemistry	7	6	42	2022			
	ENVIRONMENTAL SCIENCE	SEC-1	Remote Sensing & Geographical Information System (GIS)	7	2	14	2022			
IV	ENVIRONMENTAL SCIENCE	CC-8	Ecotoxicology & Environmental Biotechnology	6	6	36	2023	7.67	7.69	Q
		CC-9	Environmental Laws, Policies & Environmental Impact Assessment	8	6	48	2023			
		CC-10	Natural Hazards & Management & Waste Management	9	6	54	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2023			
	ENVIRONMENTAL SCIENCE	SEC-2	Conservation & Ecotourism	10	2	20	2023			
V	ENVIRONMENTAL SCIENCE	CC-11	Environmental Pollution	9	6	54	2023	8.25	8.25	Q
		CC-12	Environmental Engineering & Statistics	7	6	42	2023			
	ENVIRONMENTAL SCIENCE	DSE-1	Environmental Pollution & Monitoring Techniques	8	6	48	2023			
		DSE-2	Environmental Health & Stress Physiology	9	6	54	2023			
VI	ENVIRONMENTAL SCIENCE	CC-13	Environmental Economics & Management	7	6	42	2024	8.50	8.50	Q
		CC-14	Wildlife Management & Conservation	9	6	54	2024			
	ENVIRONMENTAL SCIENCE	DSE-3	Atmosphere & Global Climate Change	9	6	54	2024			
		DSE-4	Solid Waste Management	9	6	54	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **8.50**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **8.41**

Letter Grade in CGPA : A+

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms				Percentage Conversion Formula:
90% to 100%	10	80% and above but below 90%	9	= (SGPA or CGPA×10) - 5.0
70% and above but below 80%	8	60% and above but below 70%	7	*Letter Grade in CGPA is awarded on the basis of CCs and DSEs
50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	

Serial No. 24003600A01450

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: ARUNDHUTI ROY **Roll No. 210340900016**

Honours: COMPUTER SCIENCE

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	COMPUTER SCIENCE	CC-1	Programming Fundamentals using C/C++	9	6	54	2021	9.00	9.00	Q
		CC-2	Computer System Architecture	9	6	54	2021			
	PHYSICS	GE-1	Mechanics	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	COMPUTER SCIENCE	CC-3	Programming in Java	9	6	54	2022	9.50	9.70	Q
		CC-4	Discrete Structure	10	6	60	2022			
	MATHEMATICS	GE-2	Differential Equations	10	6	60	2022			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2022			
III	COMPUTER SCIENCE	CC-5	Data Structure	7	6	42	2022	6.67	6.54	Q
		CC-6	Operating Systems	7	6	42	2022			
		CC-7	Computer Networks	6	6	36	2022			
	MATHEMATICS	GE-3	Real Analysis	5	6	30	2022			
	COMPUTER SCIENCE	SEC-1	Programming in Python	10	2	20	2022			
IV	COMPUTER SCIENCE	CC-8	Design and Analysis of Algorithms	8	6	48	2023	8.33	7.92	Q
		CC-9	Software Engineering	8	6	48	2023			
		CC-10	Database Management System	9	6	54	2023			
	PHYSICS	GE-4	Waves and Optics	6	6	36	2023			
	COMPUTER SCIENCE	SEC-2	UNIX / Linux Programming	10	2	20	2023			
V	COMPUTER SCIENCE	CC-11	Internet Technologies	7	6	42	2023	7.00	7.00	Q
		CC-12	Theory of Computation	5	6	30	2023			
	COMPUTER SCIENCE	DSE-1	Microprocessors	7	6	42	2023			
		DSE-2	System Programming	9	6	54	2023			
VI	COMPUTER SCIENCE	CC-13	Artificial Intelligence	9	6	54	2024	7.75	7.75	Q
		CC-14	Computer Graphics	9	6	54	2024			
	COMPUTER SCIENCE	DSE-3	Soft Computing	8	6	48	2024			
		DSE-4	Project Work / Dissertation	5	6	30	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **7.83**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **7.90**

Letter Grade in CGPA : A

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600A01451

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: AYESHWARYA MONDAL **Roll No. 210340900017**

Honours: MATHEMATICS

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	9	6	54	2021	9.00	9.18	Q
		CC-2	Algebra	9	6	54	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	10	4	40	2021			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2022	8.00	7.70	Q
		CC-4	Differential Equations and Vector Calculus	7	6	42	2022			
	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2022			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2022			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	8	6	48	2022	6.33	6.46	Q
		CC-6	Group Theory I	5	6	30	2022			
		CC-7	Numerical Methods	6	6	36	2022			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2022			
	MATHEMATICS	SEC-1	Logic and Sets	6	2	12	2022			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	8	6	48	2023	6.33	6.85	Q
		CC-9	Multivariate Calculus	6	6	36	2023			
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2023			
	MATHEMATICS	SEC-2	Graph Theory	8	2	16	2023			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2023	6.75	6.75	Q
		CC-12	Mechanics I	5	6	30	2023			
	MATHEMATICS	DSE-1	Point Set Topology	7	6	42	2023			
		DSE-2	Probability & Statistics	8	6	48	2023			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	6	6	36	2024	7.75	7.75	Q
		CC-14	Ring Theory and Linear Algebra II	8	6	48	2024			
	MATHEMATICS	DSE-3	Group Theory II	8	6	48	2024			
		DSE-4	Project Work	9	6	54	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **7.22**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **7.39**

Letter Grade in CGPA : A

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600A01452

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: AYUS MAL **Roll No. 210340900018**

Honours: CHEMISTRY

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	8	6	48	2021	8.50	8.73	Q
		CC-2	Physical Chemistry-I	9	6	54	2021			
	PHYSICS	GE-1	Mechanics	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	9	6	54	2022	9.00	8.50	Q
		CC-4	Organic Chemistry-II	9	6	54	2022			
	MATHEMATICS	GE-2	Differential Equations	9	6	54	2022			
	Communicative English/MIL	AECC-2	Communicative English	4	2	8	2022			
III	CHEMISTRY	CC-5	Physical Chemistry-II	5	6	30	2022	5.67	5.69	Q
		CC-6	Inorganic Chemistry-II	7	6	42	2022			
		CC-7	Organic Chemistry-III	5	6	30	2022			
	MATHEMATICS	GE-3	Real Analysis	5	6	30	2022			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	8	2	16	2022			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	6	6	36	2023	6.33	6.54	Q
		CC-9	Inorganic Chemistry-III	6	6	36	2023			
		CC-10	Organic Chemistry - IV	7	6	42	2023			
	PHYSICS	GE-4	Waves and Optics	6	6	36	2023			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	10	2	20	2023			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	7	6	42	2023	6.75	6.75	Q
		CC-12	Organic Chemistry-V	6	6	36	2023			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	6	6	36	2023			
		DSE-2	Analytical Methods in Chemistry	8	6	48	2023			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	8	6	48	2024	7.50	7.50	Q
		CC-14	Physical Chemistry-IV	6	6	36	2024			
	CHEMISTRY	DSE-3	Polymer Chemistry	7	6	42	2024			
		DSE-4	Dissertation Followed by Power Point Presentation	9	6	54	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **7.11**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **7.20**

Letter Grade in CGPA : A

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms			
90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003612X01453

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: BAMAPADA CHOWDHURY **Roll No. 210340900020**

Honours: MATHEMATICS

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	9	6	54	2021	9.00	9.00	Q
		CC-2	Algebra	9	6	54	2021			
	COMPUTER SCIENCE	GE-1	Problem Solving using Computer	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2022	9.00	8.80	Q
		CC-4	Differential Equations and Vector Calculus	9	6	54	2022			
	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2022			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2023			SNC
		CC-6	Group Theory I	NA	6	NA				
		CC-7	Numerical Methods	5	6	30	2022			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2022			
	MATHEMATICS	SEC-1	Logic and Sets	5	2	10	2022			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	NA	6	NA				SNC
		CC-9	Multivariate Calculus	NA	6	NA				
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2023			
	COMPUTER SCIENCE	GE-4	Computer System Architecture	8	6	48	2023			
	MATHEMATICS	SEC-2	Graph Theory	6	2	12	2023			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	5	6	30	2023			SNC
		CC-12	Mechanics I	NA	6	NA				
	MATHEMATICS	DSE-1	Point Set Topology	5	6	30	2023			
		DSE-2	Probability & Statistics	5	6	30	2023			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	4	6	24	2024			SNC
		CC-14	Ring Theory and Linear Algebra II	NA	6	NA				
	MATHEMATICS	DSE-3	Group Theory II	6	6	36	2024			
		DSE-4	Project Work	9	6	54	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :	**Letter Grade in CGPA :**	**Result : PNC**
CGPA (Cumulative Grade Point Average) on the basis of All Courses :		

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms				Percentage Conversion Formula:
90% to 100%	10	80% and above but below 90%	9	= (SGPA or CGPA×10) - 5.0
70% and above but below 80%	8	60% and above but below 70%	7	*Letter Grade in CGPA is awarded on the basis of CCs and DSEs
50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	

Serial No. 24003600A+01454

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: BASANTI SAHA **Roll No. 210340900021**

Honours: CHEMISTRY

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	10	6	60	2021	9.50	9.09	Q
		CC-2	Physical Chemistry-I	9	6	54	2021			
	PHYSICS	GE-1	Mechanics	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2021			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	10	6	60	2022	10.00	9.70	Q
		CC-4	Organic Chemistry-II	10	6	60	2022			
	MATHEMATICS	GE-2	Differential Equations	9	6	54	2022			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2022			
III	CHEMISTRY	CC-5	Physical Chemistry-II	5	6	30	2022	6.33	6.31	Q
		CC-6	Inorganic Chemistry-II	8	6	48	2022			
		CC-7	Organic Chemistry-III	6	6	36	2022			
	MATHEMATICS	GE-3	Real Analysis	5	6	30	2022			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	10	2	20	2022			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	6	6	36	2023	6.67	7.00	Q
		CC-9	Inorganic Chemistry-III	7	6	42	2023			
		CC-10	Organic Chemistry - IV	7	6	42	2023			
	PHYSICS	GE-4	Waves and Optics	7	6	42	2023			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	10	2	20	2023			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	9	6	54	2023	8.00	8.00	Q
		CC-12	Organic Chemistry-V	7	6	42	2023			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	8	6	48	2023			
		DSE-2	Analytical Methods in Chemistry	8	6	48	2023			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	9	6	54	2024	8.75	8.75	Q
		CC-14	Physical Chemistry-IV	6	6	36	2024			
	CHEMISTRY	DSE-3	Polymer Chemistry	10	6	60	2024			
		DSE-4	Dissertation Followed by Power Point Presentation	10	6	60	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **8.06**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **8.04**

Letter Grade in CGPA : A+

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms			
90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600A+01455

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: BINAY NAYAK **Roll No. 210340900023**

Honours: ZOOLOGY

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	10	6	60	2021	10.00	9.55	Q
		CC-2	Ecology	10	6	60	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	ZOOLOGY	CC-3	Non-chordates II	10	6	60	2022	10.00	9.50	Q
		CC-4	Cell Biology	10	6	60	2022			
	BOTANY	GE-2	Plant Ecology and Taxonomy	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2022			
III	ZOOLOGY	CC-5	Chordates	9	6	54	2022	8.00	8.38	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	8	6	48	2022			
		CC-7	Fundamentals of Biochemistry	7	6	42	2022			
	BOTANY	GE-3	Plant Anatomy and Embryology	9	6	54	2022			
	ZOOLOGY	SEC-1	Sericulture	10	2	20	2022			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	9	6	54	2023	9.00	9.23	Q
		CC-9	Animal Physiology: Life Sustaining Systems	9	6	54	2023			
		CC-10	Immunology	9	6	54	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	10	6	60	2023			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	9	2	18	2023			
V	ZOOLOGY	CC-11	Molecular Biology	8	6	48	2023	7.75	7.75	Q
		CC-12	Genetics	9	6	54	2023			
	ZOOLOGY	DSE-1	Animal Biotechnology	6	6	36	2023			
		DSE-2	Parasitology	8	6	48	2023			
VI	ZOOLOGY	CC-13	Developmental Biology	8	6	48	2024	8.50	8.50	Q
		CC-14	Evolutionary Biology	8	6	48	2024			
	ZOOLOGY	DSE-3	Animal Behaviour	9	6	54	2024			
		DSE-4	Endocrinology	9	6	54	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **8.67**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **8.79**

Letter Grade in CGPA : A+

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600B+01456

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: BISWAJIT BAIRAGYA **Roll No. 210340900026**

Honours: CHEMISTRY

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	9	6	54	2021	8.50	8.73	Q
		CC-2	Physical Chemistry-I	8	6	48	2021			
	PHYSICS	GE-1	Mechanics	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	9	6	54	2022	9.00	9.10	Q
		CC-4	Organic Chemistry-II	9	6	54	2022			
	MATHEMATICS	GE-2	Differential Equations	9	6	54	2022			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2022			
III	CHEMISTRY	CC-5	Physical Chemistry-II	4	6	24	2022	4.67	4.77	Q
		CC-6	Inorganic Chemistry-II	5	6	30	2022			
		CC-7	Organic Chemistry-III	5	6	30	2022			
	MATHEMATICS	GE-3	Real Analysis	4	6	24	2023			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	8	2	16	2022			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	5	6	30	2023	5.33	5.38	Q
		CC-9	Inorganic Chemistry-III	5	6	30	2023			
		CC-10	Organic Chemistry - IV	6	6	36	2023			
	PHYSICS	GE-4	Waves and Optics	5	6	30	2023			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	7	2	14	2023			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	5	6	30	2023	5.50	5.50	Q
		CC-12	Organic Chemistry-V	6	6	36	2023			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	6	6	36	2023			
		DSE-2	Analytical Methods in Chemistry	5	6	30	2023			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	7	6	42	2024	7.00	7.00	Q
		CC-14	Physical Chemistry-IV	5	6	30	2024			
	CHEMISTRY	DSE-3	Polymer Chemistry	7	6	42	2024			
		DSE-4	Dissertation Followed by Power Point Presentation	9	6	54	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **6.39**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **6.61**

Letter Grade in CGPA : B+

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms			
90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600A01457

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: BRISTI MANDAL **Roll No. 210340900027**

Honours: BOTANY

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	8	6	48	2021	8.50	8.55	Q
		CC-2	Archegoniatae	9	6	54	2021			
	ENVIRONMENTAL SCIENCE	GE-1	Environment & Society	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2021			
II	BOTANY	CC-3	Mycology and Phytopathology	9	6	54	2022	9.00	9.10	Q
		CC-4	Morphology and Anatomy of Angiosperms	9	6	54	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2022			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2022			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	7	6	42	2022	7.33	7.38	Q
		CC-6	Plant Systematics	7	6	42	2022			
		CC-7	Economic Botany	8	6	48	2022			
	ZOOLOGY	GE-3	Physiology and Biochemistry	7	6	42	2022			
	BOTANY	SEC-1	Agricultural Botany	9	2	18	2022			
IV	BOTANY	CC-8	Palaeobotany & Palynology	8	6	48	2023	7.67	7.31	Q
		CC-9	Biomolecules and Cell Biology	7	6	42	2023			
		CC-10	Molecular Biology	8	6	48	2023			
	ENVIRONMENTAL SCIENCE	GE-4	Green Technology	6	6	36	2023			
	BOTANY	SEC-2	Biofertilizers	8	2	16	2023			
V	BOTANY	CC-11	Plant Physiology	7	6	42	2023	7.75	7.75	Q
		CC-12	Plant Metabolism	7	6	42	2023			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	9	6	54	2023			
		DSE-2	Natural Resource Management	8	6	48	2023			
VI	BOTANY	CC-13	Genetics & Plant Breeding	8	6	48	2024	8.00	8.00	Q
		CC-14	Plant Biotechnology	7	6	42	2024			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	9	6	54	2024			
		DSE-4	Industrial and Environmental Microbiology	8	6	48	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **7.94**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **7.96**

Letter Grade in CGPA : A

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amrita Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003602X01458

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: BRISTI SAMUI **Roll No. 210340900028**

Honours: MATHEMATICS

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	9	6	54	2021	9.00	9.00	Q
		CC-2	Algebra	9	6	54	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2022	8.00	7.60	Q
		CC-4	Differential Equations and Vector Calculus	7	6	42	2022			
	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2022			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2022			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2023			SNC
		CC-6	Group Theory I	NA	6	NA				
		CC-7	Numerical Methods	5	6	30	2022			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2022			
	MATHEMATICS	SEC-1	Logic and Sets	5	2	10	2022			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	NA	6	NA				SNC
		CC-9	Multivariate Calculus	4	6	24	2023			
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2023			
	MATHEMATICS	SEC-2	Graph Theory	8	2	16	2023			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	4	6	24	2023			SNC
		CC-12	Mechanics I	NA	6	NA				
	MATHEMATICS	DSE-1	Point Set Topology	4	6	24	2023			
		DSE-2	Probability & Statistics	6	6	36	2023			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	4	6	24	2024	5.50	5.50	Q
		CC-14	Ring Theory and Linear Algebra II	4	6	24	2024			
	MATHEMATICS	DSE-3	Group Theory II	5	6	30	2024			
		DSE-4	Project Work	9	6	54	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :	**Letter Grade in CGPA :**	**Result : PNC**
CGPA (Cumulative Grade Point Average) on the basis of All Courses :		

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms			
90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600A01459

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: CHAITALI BAIRAGI **Roll No. 210340900029**

Honours: BOTANY

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	9	6	54	2021	9.00	8.36	Q
		CC-2	Archegoniatae	9	6	54	2021			
	ENVIRONMENTAL SCIENCE	GE-1	Environment & Society	8	6	48	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2021			
II	BOTANY	CC-3	Mycology and Phytopathology	9	6	54	2022	9.00	9.10	Q
		CC-4	Morphology and Anatomy of Angiosperms	9	6	54	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2022			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2022			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	6	6	36	2022	7.00	7.15	Q
		CC-6	Plant Systematics	7	6	42	2022			
		CC-7	Economic Botany	8	6	48	2022			
	ZOOLOGY	GE-3	Physiology and Biochemistry	7	6	42	2022			
	BOTANY	SEC-1	Agricultural Botany	9	2	18	2022			
IV	BOTANY	CC-8	Palaeobotany & Palynology	8	6	48	2023	7.67	7.62	Q
		CC-9	Biomolecules and Cell Biology	7	6	42	2023			
		CC-10	Molecular Biology	8	6	48	2023			
	ENVIRONMENTAL SCIENCE	GE-4	Green Technology	7	6	42	2023			
	BOTANY	SEC-2	Biofertilizers	9	2	18	2023			
V	BOTANY	CC-11	Plant Physiology	7	6	42	2023	7.75	7.75	Q
		CC-12	Plant Metabolism	6	6	36	2023			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	9	6	54	2023			
		DSE-2	Natural Resource Management	9	6	54	2023			
VI	BOTANY	CC-13	Genetics & Plant Breeding	8	6	48	2024	7.75	7.75	Q
		CC-14	Plant Biotechnology	6	6	36	2024			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	9	6	54	2024			
		DSE-4	Industrial and Environmental Microbiology	8	6	48	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **7.89**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **7.90**

Letter Grade in CGPA : A

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amrita Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003602X01460

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: CHINMOY BHUKTA **Roll No. 210340900030**

Honours: MATHEMATICS

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	9	6	54	2021	9.00	9.18	Q
		CC-2	Algebra	9	6	54	2021			
	COMPUTER SCIENCE	GE-1	Problem Solving using Computer	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	10	4	40	2021			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2022	8.00	8.20	Q
		CC-4	Differential Equations and Vector Calculus	7	6	42	2022			
	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2022			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2023			SNC
		CC-6	Group Theory I	NA	6	NA				
		CC-7	Numerical Methods	4	6	24	2022			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2022			
	MATHEMATICS	SEC-1	Logic and Sets	4	2	8	2022			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	NA	6	NA				SNC
		CC-9	Multivariate Calculus	4	6	24	2023			
		CC-10	Ring Theory and Linear Algebra I	4	6	24	2023			
	COMPUTER SCIENCE	GE-4	Computer System Architecture	8	6	48	2023			
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2023			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	NA	6	NA				SNC
		CC-12	Mechanics I	NA	6	NA				
	MATHEMATICS	DSE-1	Point Set Topology	4	6	24	2023			
		DSE-2	Probability & Statistics	5	6	30	2023			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	4	6	24	2024	5.50	5.50	Q
		CC-14	Ring Theory and Linear Algebra II	5	6	30	2024			
	MATHEMATICS	DSE-3	Group Theory II	4	6	24	2024			
		DSE-4	Project Work	9	6	54	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :	**Letter Grade in CGPA :**	**Result : PNC**
CGPA (Cumulative Grade Point Average) on the basis of All Courses :		

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms				Percentage Conversion Formula:
90% to 100%	10	80% and above but below 90%	9	= (SGPA or CGPA×10) - 5.0
70% and above but below 80%	8	60% and above but below 70%	7	*Letter Grade in CGPA is awarded on the basis of CCs and DSEs
50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	

Serial No. 24003600A01461

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: DEBALINA GHOSH **Roll No. 210340900031**

Honours: ENVIRONMENTAL SCIENCE

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ENVIRONMENTAL SCIENCE	CC-1	Fundamentals of Environment	10	6	60	2021	9.50	8.73	Q
		CC-2	Environmental Biology	9	6	54	2021			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	7	6	42	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	ENVIRONMENTAL SCIENCE	CC-3	Environmental Chemistry	10	6	60	2022	10.00	9.40	Q
		CC-4	Environmental Physics	10	6	60	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2022			
III	ENVIRONMENTAL SCIENCE	CC-5	Earth Science	7	6	42	2022	6.33	6.38	Q
		CC-6	Environmental Resources	7	6	42	2022			
		CC-7	Green Chemistry & Environmental Applications	5	6	30	2022			
	ZOOLOGY	GE-3	Physiology and Biochemistry	7	6	42	2022			
	ENVIRONMENTAL SCIENCE	SEC-1	Remote Sensing & Geographical Information System (GIS)	5	2	10	2022			
IV	ENVIRONMENTAL SCIENCE	CC-8	Ecotoxicology & Environmental Biotechnology	6	6	36	2023	6.67	6.92	Q
		CC-9	Environmental Laws, Policies & Environmental Impact Assessment	7	6	42	2023			
		CC-10	Natural Hazards & Management & Waste Management	7	6	42	2023			
	BOTANY	GE-4	Plant Physiology and Metabolism	7	6	42	2023			
	ENVIRONMENTAL SCIENCE	SEC-2	Conservation & Ecotourism	9	2	18	2023			
V	ENVIRONMENTAL SCIENCE	CC-11	Environmental Pollution	8	6	48	2023	6.75	6.75	Q
		CC-12	Environmental Engineering & Statistics	6	6	36	2023			
	ENVIRONMENTAL SCIENCE	DSE-1	Environmental Pollution & Monitoring Techniques	6	6	36	2023			
		DSE-2	Environmental Health & Stress Physiology	7	6	42	2023			
VI	ENVIRONMENTAL SCIENCE	CC-13	Environmental Economics & Management	6	6	36	2024	7.00	7.00	Q
		CC-14	Wildlife Management & Conservation	7	6	42	2024			
	ENVIRONMENTAL SCIENCE	DSE-3	Atmosphere & Global Climate Change	8	6	48	2024			
		DSE-4	Solid Waste Management	7	6	42	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **7.39**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **7.44**

Letter Grade in CGPA : A

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amrita Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms			
90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600A+01462

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: DEBESH NAG **Roll No. 210340900032**

Honours: BOTANY

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	7	6	42	2021	7.50	7.82	Q
		CC-2	Archegoniatae	8	6	48	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2021			
II	BOTANY	CC-3	Mycology and Phytopathology	9	6	54	2022	9.00	8.90	Q
		CC-4	Morphology and Anatomy of Angiosperms	9	6	54	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2022			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	8	6	48	2022	8.33	8.08	Q
		CC-6	Plant Systematics	8	6	48	2022			
		CC-7	Economic Botany	9	6	54	2022			
	ZOOLOGY	GE-3	Physiology and Biochemistry	7	6	42	2022			
	BOTANY	SEC-1	Agricultural Botany	9	2	18	2022			
IV	BOTANY	CC-8	Palaeobotany & Palynology	8	6	48	2023	8.00	8.31	Q
		CC-9	Biomolecules and Cell Biology	7	6	42	2023			
		CC-10	Molecular Biology	9	6	54	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2023			
	BOTANY	SEC-2	Biofertilizers	9	2	18	2023			
V	BOTANY	CC-11	Plant Physiology	7	6	42	2023	7.75	7.75	Q
		CC-12	Plant Metabolism	6	6	36	2023			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	9	6	54	2023			
		DSE-2	Natural Resource Management	9	6	54	2023			
VI	BOTANY	CC-13	Genetics & Plant Breeding	8	6	48	2024	8.25	8.25	Q
		CC-14	Plant Biotechnology	7	6	42	2024			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	10	6	60	2024			
		DSE-4	Industrial and Environmental Microbiology	8	6	48	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **8.11**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **8.17**

Letter Grade in CGPA : A+

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amrita Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600A01463

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: DEBJANI SAHA **Roll No. 210340900033**

Honours: CHEMISTRY

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	9	6	54	2021	9.00	8.82	Q
		CC-2	Physical Chemistry-I	9	6	54	2021			
	PHYSICS	GE-1	Mechanics	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2021			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	9	6	54	2022	9.00	9.10	Q
		CC-4	Organic Chemistry-II	9	6	54	2022			
	MATHEMATICS	GE-2	Differential Equations	9	6	54	2022			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2022			
III	CHEMISTRY	CC-5	Physical Chemistry-II	5	6	30	2022	5.33	5.69	Q
		CC-6	Inorganic Chemistry-II	6	6	36	2022			
		CC-7	Organic Chemistry-III	5	6	30	2022			
	MATHEMATICS	GE-3	Real Analysis	6	6	36	2022			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	8	2	16	2022			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	7	6	42	2023	6.67	6.92	Q
		CC-9	Inorganic Chemistry-III	7	6	42	2023			
		CC-10	Organic Chemistry - IV	6	6	36	2023			
	PHYSICS	GE-4	Waves and Optics	7	6	42	2023			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	9	2	18	2023			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	9	6	54	2023	7.50	7.50	Q
		CC-12	Organic Chemistry-V	7	6	42	2023			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	7	6	42	2023			
		DSE-2	Analytical Methods in Chemistry	7	6	42	2023			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	9	6	54	2024	8.50	8.50	Q
		CC-14	Physical Chemistry-IV	6	6	36	2024			
	CHEMISTRY	DSE-3	Polymer Chemistry	9	6	54	2024			
		DSE-4	Dissertation Followed by Power Point Presentation	10	6	60	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **7.56**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **7.66**

Letter Grade in CGPA : A

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003602X01464

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: DEEP SAHA **Roll No. 210340900034**

Honours: COMPUTER SCIENCE

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	COMPUTER SCIENCE	CC-1	Programming Fundamentals using C/C++	9	6	54	2021	8.50	8.73	Q
		CC-2	Computer System Architecture	8	6	48	2021			
	PHYSICS	GE-1	Mechanics	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	COMPUTER SCIENCE	CC-3	Programming in Java	9	6	54	2022	9.50	9.40	Q
		CC-4	Discrete Structure	10	6	60	2022			
	MATHEMATICS	GE-2	Differential Equations	9	6	54	2022			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2022			
III	COMPUTER SCIENCE	CC-5	Data Structure	6	6	36	2022			SNC
		CC-6	Operating Systems	7	6	42	2022			
		CC-7	Computer Networks	7	6	42	2022			
	MATHEMATICS	GE-3	Real Analysis	NA	6	NA				
	COMPUTER SCIENCE	SEC-1	Programming in Python	9	2	18	2022			
IV	COMPUTER SCIENCE	CC-8	Design and Analysis of Algorithms	8	6	48	2023	7.67	7.23	Q
		CC-9	Software Engineering	7	6	42	2023			
		CC-10	Database Management System	8	6	48	2023			
	PHYSICS	GE-4	Waves and Optics	5	6	30	2023			
	COMPUTER SCIENCE	SEC-2	UNIX / Linux Programming	10	2	20	2023			
V	COMPUTER SCIENCE	CC-11	Internet Technologies	7	6	42	2023	7.50	7.50	Q
		CC-12	Theory of Computation	6	6	36	2023			
	COMPUTER SCIENCE	DSE-1	Microprocessors	7	6	42	2023			
		DSE-2	System Programming	10	6	60	2023			
VI	COMPUTER SCIENCE	CC-13	Artificial Intelligence	9	6	54	2024	7.50	7.50	Q
		CC-14	Computer Graphics	8	6	48	2024			
	COMPUTER SCIENCE	DSE-3	Soft Computing	8	6	48	2024			
		DSE-4	Project Work / Dissertation	5	6	30	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :	**Letter Grade in CGPA :**	**Result : PNC**
CGPA (Cumulative Grade Point Average) on the basis of All Courses :		

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amitava Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003612X01465

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: DIPSA SHASMAL **Roll No. 210340900036**

Honours: MATHEMATICS

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	9	6	54	2021	9.00	9.00	Q
		CC-2	Algebra	9	6	54	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2022	8.50	7.90	Q
		CC-4	Differential Equations and Vector Calculus	8	6	48	2022			
	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2022			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2022			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2023			SNC
		CC-6	Group Theory I	NA	6	NA				
		CC-7	Numerical Methods	5	6	30	2022			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2022			
	MATHEMATICS	SEC-1	Logic and Sets	5	2	10	2022			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	NA	6	NA				SNC
		CC-9	Multivariate Calculus	4	6	24	2023			
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2023			
	MATHEMATICS	SEC-2	Graph Theory	8	2	16	2023			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	5	6	30	2023			SNC
		CC-12	Mechanics I	NA	6	NA				
	MATHEMATICS	DSE-1	Point Set Topology	NA	6	NA				
		DSE-2	Probability & Statistics	6	6	36	2023			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	NA	6	NA				SNC
		CC-14	Ring Theory and Linear Algebra II	4	6	24	2024			
	MATHEMATICS	DSE-3	Group Theory II	5	6	30	2024			
		DSE-4	Project Work	9	6	54	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :	**Letter Grade in CGPA :**	**Result : PNC**
CGPA (Cumulative Grade Point Average) on the basis of All Courses :		

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amrita Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600A+01466

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: DIYA HARH **Roll No. 210340900037**

Honours: BOTANY

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	8	6	48	2021	8.50	8.73	Q
		CC-2	Archegoniatae	9	6	54	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	BOTANY	CC-3	Mycology and Phytopathology	9	6	54	2022	9.00	9.10	Q
		CC-4	Morphology and Anatomy of Angiosperms	9	6	54	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2022			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2022			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	8	6	48	2022	8.00	7.92	Q
		CC-6	Plant Systematics	7	6	42	2022			
		CC-7	Economic Botany	9	6	54	2022			
	ZOOLOGY	GE-3	Physiology and Biochemistry	7	6	42	2022			
	BOTANY	SEC-1	Agricultural Botany	10	2	20	2022			
IV	BOTANY	CC-8	Palaeobotany & Palynology	9	6	54	2023	8.67	9.08	Q
		CC-9	Biomolecules and Cell Biology	8	6	48	2023			
		CC-10	Molecular Biology	9	6	54	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	10	6	60	2023			
	BOTANY	SEC-2	Biofertilizers	10	2	20	2023			
V	BOTANY	CC-11	Plant Physiology	8	6	48	2023	8.50	8.50	Q
		CC-12	Plant Metabolism	7	6	42	2023			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	9	6	54	2023			
		DSE-2	Natural Resource Management	10	6	60	2023			
VI	BOTANY	CC-13	Genetics & Plant Breeding	9	6	54	2024	9.00	9.00	Q
		CC-14	Plant Biotechnology	8	6	48	2024			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	10	6	60	2024			
		DSE-4	Industrial and Environmental Microbiology	9	6	54	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **8.61**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **8.70**

Letter Grade in CGPA : A+

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amrita Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003612X01467

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: FARHIN SULTANA **Roll No. 210340900038**

Honours: MATHEMATICS

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	9	6	54	2021	9.50	9.27	Q
		CC-2	Algebra	10	6	60	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2022	9.50	9.20	Q
		CC-4	Differential Equations and Vector Calculus	10	6	60	2022			
	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2022			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2022			SNC
		CC-6	Group Theory I	NA	6	NA				
		CC-7	Numerical Methods	4	6	24	2023			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	8	6	48	2022			
	MATHEMATICS	SEC-1	Logic and Sets	5	2	10	2022			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	NA	6	NA				SNC
		CC-9	Multivariate Calculus	NA	6	NA				
		CC-10	Ring Theory and Linear Algebra I	4	6	24	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2023			
	MATHEMATICS	SEC-2	Graph Theory	6	2	12	2023			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	4	6	24	2023			SNC
		CC-12	Mechanics I	NA	6	NA				
	MATHEMATICS	DSE-1	Point Set Topology	NA	6	NA				
		DSE-2	Probability & Statistics	6	6	36	2023			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	NA	6	NA				SNC
		CC-14	Ring Theory and Linear Algebra II	4	6	24	2024			
	MATHEMATICS	DSE-3	Group Theory II	5	6	30	2024			
		DSE-4	Project Work	9	6	54	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :	**Letter Grade in CGPA :**	**Result : PNC**
CGPA (Cumulative Grade Point Average) on the basis of All Courses :		

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600A+01468

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: IPSITA MONDAL **Roll No. 210340900040**

Honours: ZOOLOGY

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	9	6	54	2021	9.00	9.00	Q
		CC-2	Ecology	9	6	54	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	ZOOLOGY	CC-3	Non-chordates II	9	6	54	2022	9.00	8.80	Q
		CC-4	Cell Biology	9	6	54	2022			
	BOTANY	GE-2	Plant Ecology and Taxonomy	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2022			
III	ZOOLOGY	CC-5	Chordates	8	6	48	2022	8.00	8.08	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	9	6	54	2022			
		CC-7	Fundamentals of Biochemistry	7	6	42	2022			
	BOTANY	GE-3	Plant Anatomy and Embryology	8	6	48	2022			
	ZOOLOGY	SEC-1	Sericulture	9	2	18	2022			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	9	6	54	2023	9.00	9.23	Q
		CC-9	Animal Physiology: Life Sustaining Systems	9	6	54	2023			
		CC-10	Immunology	9	6	54	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	10	6	60	2023			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	9	2	18	2023			
V	ZOOLOGY	CC-11	Molecular Biology	8	6	48	2023	7.75	7.75	Q
		CC-12	Genetics	9	6	54	2023			
	ZOOLOGY	DSE-1	Animal Biotechnology	7	6	42	2023			
		DSE-2	Parasitology	7	6	42	2023			
VI	ZOOLOGY	CC-13	Developmental Biology	8	6	48	2024	8.00	8.00	Q
		CC-14	Evolutionary Biology	8	6	48	2024			
	ZOOLOGY	DSE-3	Animal Behaviour	8	6	48	2024			
		DSE-4	Endocrinology	8	6	48	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **8.33**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **8.46**

Letter Grade in CGPA : A+

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600A01469

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: ISHA GHOSH **Roll No. 210340900041**

Honours: ZOOLOGY

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	9	6	54	2021	9.00	9.18	Q
		CC-2	Ecology	9	6	54	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	10	4	40	2021			
II	ZOOLOGY	CC-3	Non-chordates II	9	6	54	2022	9.50	9.10	Q
		CC-4	Cell Biology	10	6	60	2022			
	BOTANY	GE-2	Plant Ecology and Taxonomy	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2022			
III	ZOOLOGY	CC-5	Chordates	7	6	42	2022	6.67	7.08	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	7	6	42	2022			
		CC-7	Fundamentals of Biochemistry	6	6	36	2022			
	BOTANY	GE-3	Plant Anatomy and Embryology	8	6	48	2022			
	ZOOLOGY	SEC-1	Sericulture	8	2	16	2022			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	8	6	48	2023	8.00	8.46	Q
		CC-9	Animal Physiology: Life Sustaining Systems	8	6	48	2023			
		CC-10	Immunology	8	6	48	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	10	6	60	2023			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	8	2	16	2023			
V	ZOOLOGY	CC-11	Molecular Biology	8	6	48	2023	7.50	7.50	Q
		CC-12	Genetics	9	6	54	2023			
	ZOOLOGY	DSE-1	Animal Biotechnology	6	6	36	2023			
		DSE-2	Parasitology	7	6	42	2023			
VI	ZOOLOGY	CC-13	Developmental Biology	6	6	36	2024	7.25	7.25	Q
		CC-14	Evolutionary Biology	7	6	42	2024			
	ZOOLOGY	DSE-3	Animal Behaviour	8	6	48	2024			
		DSE-4	Endocrinology	8	6	48	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **7.78**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **8.04**

Letter Grade in CGPA : A

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600A01470

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: ISHIKA KARAR **Roll No. 210340900042**

Honours: ZOOLOGY

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	10	6	60	2021	10.00	9.73	Q
		CC-2	Ecology	10	6	60	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	10	4	40	2021			
II	ZOOLOGY	CC-3	Non-chordates II	10	6	60	2022	10.00	9.50	Q
		CC-4	Cell Biology	10	6	60	2022			
	BOTANY	GE-2	Plant Ecology and Taxonomy	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2022			
III	ZOOLOGY	CC-5	Chordates	8	6	48	2022	7.67	7.77	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	8	6	48	2022			
		CC-7	Fundamentals of Biochemistry	7	6	42	2022			
	BOTANY	GE-3	Plant Anatomy and Embryology	8	6	48	2022			
	ZOOLOGY	SEC-1	Sericulture	8	2	16	2022			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	8	6	48	2023	8.00	8.23	Q
		CC-9	Animal Physiology: Life Sustaining Systems	8	6	48	2023			
		CC-10	Immunology	8	6	48	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2023			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	8	2	16	2023			
V	ZOOLOGY	CC-11	Molecular Biology	8	6	48	2023	7.25	7.25	Q
		CC-12	Genetics	8	6	48	2023			
	ZOOLOGY	DSE-1	Animal Biotechnology	6	6	36	2023			
		DSE-2	Parasitology	7	6	42	2023			
VI	ZOOLOGY	CC-13	Developmental Biology	6	6	36	2024	6.75	6.75	Q
		CC-14	Evolutionary Biology	6	6	36	2024			
	ZOOLOGY	DSE-3	Animal Behaviour	8	6	48	2024			
		DSE-4	Endocrinology	7	6	42	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **7.94**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **8.14**

Letter Grade in CGPA : A

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600A01471

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: ISHITA HAZRA **Roll No. 210340900043**

Honours: MATHEMATICS

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	9	6	54	2021	9.00	9.00	Q
		CC-2	Algebra	9	6	54	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2022	9.00	8.90	Q
		CC-4	Differential Equations and Vector Calculus	9	6	54	2022			
	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2022			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2022	5.33	5.69	Q
		CC-6	Group Theory I	4	6	24	2022			
		CC-7	Numerical Methods	7	6	42	2022			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2022			
	MATHEMATICS	SEC-1	Logic and Sets	5	2	10	2022			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	6	6	36	2023	6.67	7.31	Q
		CC-9	Multivariate Calculus	9	6	54	2023			
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2023			
	MATHEMATICS	SEC-2	Graph Theory	8	2	16	2023			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2023	7.00	7.00	Q
		CC-12	Mechanics I	5	6	30	2023			
	MATHEMATICS	DSE-1	Point Set Topology	8	6	48	2023			
		DSE-2	Probability & Statistics	9	6	54	2023			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	7	6	42	2024	7.75	7.75	Q
		CC-14	Ring Theory and Linear Algebra II	7	6	42	2024			
	MATHEMATICS	DSE-3	Group Theory II	9	6	54	2024			
		DSE-4	Project Work	8	6	48	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **7.28**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **7.52**

Letter Grade in CGPA : A

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600A+01472

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: JESMIN KHATUN **Roll No. 210340900044**

Honours: BOTANY

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	9	6	54	2021	9.00	8.27	Q
		CC-2	Archegoniatae	9	6	54	2021			
	ENVIRONMENTAL SCIENCE	GE-1	Environment & Society	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	5	4	20	2021			
II	BOTANY	CC-3	Mycology and Phytopathology	10	6	60	2022	10.00	9.50	Q
		CC-4	Morphology and Anatomy of Angiosperms	10	6	60	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2022			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	8	6	48	2022	8.33	7.85	Q
		CC-6	Plant Systematics	8	6	48	2022			
		CC-7	Economic Botany	9	6	54	2022			
	ZOOLOGY	GE-3	Physiology and Biochemistry	6	6	36	2022			
	BOTANY	SEC-1	Agricultural Botany	9	2	18	2022			
IV	BOTANY	CC-8	Palaeobotany & Palynology	8	6	48	2023	7.67	7.62	Q
		CC-9	Biomolecules and Cell Biology	8	6	48	2023			
		CC-10	Molecular Biology	7	6	42	2023			
	ENVIRONMENTAL SCIENCE	GE-4	Green Technology	7	6	42	2023			
	BOTANY	SEC-2	Biofertilizers	9	2	18	2023			
V	BOTANY	CC-11	Plant Physiology	7	6	42	2023	8.00	8.00	Q
		CC-12	Plant Metabolism	7	6	42	2023			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	9	6	54	2023			
		DSE-2	Natural Resource Management	9	6	54	2023			
VI	BOTANY	CC-13	Genetics & Plant Breeding	9	6	54	2024	8.75	8.75	Q
		CC-14	Plant Biotechnology	8	6	48	2024			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	9	6	54	2024			
		DSE-4	Industrial and Environmental Microbiology	9	6	54	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **8.50**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **8.28**

Letter Grade in CGPA : A+

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amrita Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600B+01473

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: JOTISKA CHAKRABORTY **Roll No. 210340900045**

Honours: ENVIRONMENTAL SCIENCE

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ENVIRONMENTAL SCIENCE	CC-1	Fundamentals of Environment	9	6	54	2021	9.00	8.73	Q
		CC-2	Environmental Biology	9	6	54	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	ENVIRONMENTAL SCIENCE	CC-3	Environmental Chemistry	10	6	60	2022	9.50	9.10	Q
		CC-4	Environmental Physics	9	6	54	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2022			
III	ENVIRONMENTAL SCIENCE	CC-5	Earth Science	5	6	30	2022	4.67	4.77	Q
		CC-6	Environmental Resources	5	6	30	2022			
		CC-7	Green Chemistry & Environmental Applications	4	6	24	2022			
	ZOOLOGY	GE-3	Physiology and Biochemistry	5	6	30	2022			
	ENVIRONMENTAL SCIENCE	SEC-1	Remote Sensing & Geographical Information System (GIS)	5	2	10	2022			
IV	ENVIRONMENTAL SCIENCE	CC-8	Ecotoxicology & Environmental Biotechnology	6	6	36	2023	6.00	6.38	Q
		CC-9	Environmental Laws, Policies & Environmental Impact Assessment	7	6	42	2023			
		CC-10	Natural Hazards & Management & Waste Management	5	6	30	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2023			
	ENVIRONMENTAL SCIENCE	SEC-2	Conservation & Ecotourism	8	2	16	2023			
V	ENVIRONMENTAL SCIENCE	CC-11	Environmental Pollution	7	6	42	2023	6.00	6.00	Q
		CC-12	Environmental Engineering & Statistics	5	6	30	2023			
	ENVIRONMENTAL SCIENCE	DSE-1	Environmental Pollution & Monitoring Techniques	5	6	30	2023			
		DSE-2	Environmental Health & Stress Physiology	7	6	42	2023			
VI	ENVIRONMENTAL SCIENCE	CC-13	Environmental Economics & Management	5	6	30	2024	6.50	6.50	Q
		CC-14	Wildlife Management & Conservation	8	6	48	2024			
	ENVIRONMENTAL SCIENCE	DSE-3	Atmosphere & Global Climate Change	6	6	36	2024			
		DSE-4	Solid Waste Management	7	6	42	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **6.61**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **6.79**

Letter Grade in CGPA : B+

Result : Q

Date of Publication of Result : 31.08.2024

$$SGPA\ (S) = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms				Percentage Conversion Formula:
90% to 100%	10	80% and above but below 90%	9	= (SGPA or CGPA×10) - 5.0
70% and above but below 80%	8	60% and above but below 70%	7	*Letter Grade in CGPA is awarded on the basis of CCs and DSEs
50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	

Serial No. 24003602X01474

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: JOYSING KISKU **Roll No. 210340900046**

Honours: COMPUTER SCIENCE

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	COMPUTER SCIENCE	CC-1	Programming Fundamentals using C/C++	7	6	42	2021	6.50	6.82	Q
		CC-2	Computer System Architecture	6	6	36	2021			
	PHYSICS	GE-1	Mechanics	6	6	36	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	COMPUTER SCIENCE	CC-3	Programming in Java	9	6	54	2022	9.50	8.80	Q
		CC-4	Discrete Structure	10	6	60	2022			
	MATHEMATICS	GE-2	Differential Equations	8	6	48	2022			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2022			
III	COMPUTER SCIENCE	CC-5	Data Structure	NC	6	NC				SNC
		CC-6	Operating Systems	NC	6	NC				
		CC-7	Computer Networks	NC	6	NC				
	MATHEMATICS	GE-3	Real Analysis	NC	6	NC				
	COMPUTER SCIENCE	SEC-1	Programming in Python	NC	2	NC				
IV	COMPUTER SCIENCE	CC-8	Design and Analysis of Algorithms	7	6	42	2023			SNC
		CC-9	Software Engineering	6	6	36	2023			
		CC-10	Database Management System	6	6	36	2023			
	PHYSICS	GE-4	Waves and Optics	NA	6	NA				
	COMPUTER SCIENCE	SEC-2	UNIX / Linux Programming	9	2	18	2023			
V	COMPUTER SCIENCE	CC-11	Internet Technologies	6	6	36	2023	5.75	5.75	Q
		CC-12	Theory of Computation	4	6	24	2023			
	COMPUTER SCIENCE	DSE-1	Microprocessors	6	6	36	2023			
		DSE-2	System Programming	7	6	42	2023			
VI	COMPUTER SCIENCE	CC-13	Artificial Intelligence	6	6	36	2024	6.25	6.25	Q
		CC-14	Computer Graphics	7	6	42	2024			
	COMPUTER SCIENCE	DSE-3	Soft Computing	7	6	42	2024			
		DSE-4	Project Work / Dissertation	5	6	30	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :	**Letter Grade in CGPA :**	**Result : PNC**
CGPA (Cumulative Grade Point Average) on the basis of All Courses :		

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amrita Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003602X01475

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: KH PARVEG HOSSAIN **Roll No. 210340900048**

Honours: COMPUTER SCIENCE

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	COMPUTER SCIENCE	CC-1	Programming Fundamentals using C/C++	10	6	60	2021	9.50	9.27	Q
		CC-2	Computer System Architecture	9	6	54	2021			
	PHYSICS	GE-1	Mechanics	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	COMPUTER SCIENCE	CC-3	Programming in Java	9	6	54	2022	9.50	9.40	Q
		CC-4	Discrete Structure	10	6	60	2022			
	MATHEMATICS	GE-2	Differential Equations	9	6	54	2022			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2022			
III	COMPUTER SCIENCE	CC-5	Data Structure	7	6	42	2022			SNC
		CC-6	Operating Systems	8	6	48	2022			
		CC-7	Computer Networks	7	6	42	2022			
	MATHEMATICS	GE-3	Real Analysis	NA	6	NA				
	COMPUTER SCIENCE	SEC-1	Programming in Python	9	2	18	2022			
IV	COMPUTER SCIENCE	CC-8	Design and Analysis of Algorithms	8	6	48	2023	8.33	7.69	Q
		CC-9	Software Engineering	8	6	48	2023			
		CC-10	Database Management System	9	6	54	2023			
	PHYSICS	GE-4	Waves and Optics	5	6	30	2023			
	COMPUTER SCIENCE	SEC-2	UNIX / Linux Programming	10	2	20	2023			
V	COMPUTER SCIENCE	CC-11	Internet Technologies	7	6	42	2023	7.25	7.25	Q
		CC-12	Theory of Computation	5	6	30	2023			
	COMPUTER SCIENCE	DSE-1	Microprocessors	7	6	42	2023			
		DSE-2	System Programming	10	6	60	2023			
VI	COMPUTER SCIENCE	CC-13	Artificial Intelligence	9	6	54	2024	7.75	7.75	Q
		CC-14	Computer Graphics	8	6	48	2024			
	COMPUTER SCIENCE	DSE-3	Soft Computing	9	6	54	2024			
		DSE-4	Project Work / Dissertation	5	6	30	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :	**Letter Grade in CGPA :**	**Result : PNC**
CGPA (Cumulative Grade Point Average) on the basis of All Courses :		

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amrita Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600B+01476

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: KOUSHIK GHOSH **Roll No. 210340900049**

Honours: MATHEMATICS

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	9	6	54	2021	9.00	9.00	Q
		CC-2	Algebra	9	6	54	2021			
	COMPUTER SCIENCE	GE-1	Problem Solving using Computer	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2022	9.00	8.90	Q
		CC-4	Differential Equations and Vector Calculus	9	6	54	2022			
	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2022			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2022	5.33	5.62	Q
		CC-6	Group Theory I	6	6	36	2023			
		CC-7	Numerical Methods	6	6	36	2022			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2022			
	MATHEMATICS	SEC-1	Logic and Sets	4	2	8	2022			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	4	6	24	2023	5.00	5.85	Q
		CC-9	Multivariate Calculus	6	6	36	2023			
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2023			
	COMPUTER SCIENCE	GE-4	Computer System Architecture	7	6	42	2023			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2023			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	5	6	30	2023	6.25	6.25	Q
		CC-12	Mechanics I	5	6	30	2023			
	MATHEMATICS	DSE-1	Point Set Topology	6	6	36	2023			
		DSE-2	Probability & Statistics	9	6	54	2023			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	6	6	36	2024	7.00	7.00	Q
		CC-14	Ring Theory and Linear Algebra II	6	6	36	2024			
	MATHEMATICS	DSE-3	Group Theory II	7	6	42	2024			
		DSE-4	Project Work	9	6	54	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **6.67**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **6.99**

Letter Grade in CGPA : B+

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amitava Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003602X01477

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: KOUSHIK PAL **Roll No. 210340900050**

Honours: COMPUTER SCIENCE

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	COMPUTER SCIENCE	CC-1	Programming Fundamentals using C/C++	8	6	48	2021	7.50	7.64	Q
		CC-2	Computer System Architecture	7	6	42	2021			
	PHYSICS	GE-1	Mechanics	7	6	42	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	COMPUTER SCIENCE	CC-3	Programming in Java	8	6	48	2022	9.00	8.80	Q
		CC-4	Discrete Structure	10	6	60	2022			
	MATHEMATICS	GE-2	Differential Equations	8	6	48	2022			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2022			
III	COMPUTER SCIENCE	CC-5	Data Structure	6	6	36	2022			SNC
		CC-6	Operating Systems	9	6	54	2022			
		CC-7	Computer Networks	6	6	36	2022			
	MATHEMATICS	GE-3	Real Analysis	NA	6	NA				
	COMPUTER SCIENCE	SEC-1	Programming in Python	10	2	20	2022			
IV	COMPUTER SCIENCE	CC-8	Design and Analysis of Algorithms	8	6	48	2023			SNC
		CC-9	Software Engineering	6	6	36	2023			
		CC-10	Database Management System	7	6	42	2023			
	PHYSICS	GE-4	Waves and Optics	NA	6	NA				
	COMPUTER SCIENCE	SEC-2	UNIX / Linux Programming	10	2	20	2023			
V	COMPUTER SCIENCE	CC-11	Internet Technologies	6	6	36	2023	5.75	5.75	Q
		CC-12	Theory of Computation	4	6	24	2023			
	COMPUTER SCIENCE	DSE-1	Microprocessors	6	6	36	2023			
		DSE-2	System Programming	7	6	42	2023			
VI	COMPUTER SCIENCE	CC-13	Artificial Intelligence	8	6	48	2024	7.25	7.25	Q
		CC-14	Computer Graphics	8	6	48	2024			
	COMPUTER SCIENCE	DSE-3	Soft Computing	8	6	48	2024			
		DSE-4	Project Work / Dissertation	5	6	30	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :	**Letter Grade in CGPA :**	**Result : PNC**
CGPA (Cumulative Grade Point Average) on the basis of All Courses :		

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amitava Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600A01478 B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: KUNTAL GOSWAMI **Roll No. 210340900052**

Honours: MATHEMATICS

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	9	6	54	2021	9.00	9.00	Q
		CC-2	Algebra	9	6	54	2021			
	COMPUTER SCIENCE	GE-1	Problem Solving using Computer	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2022	9.00	8.60	Q
		CC-4	Differential Equations and Vector Calculus	9	6	54	2022			
	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2022			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2022			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2022	5.67	5.92	Q
		CC-6	Group Theory I	7	6	42	2023			
		CC-7	Numerical Methods	6	6	36	2022			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2022			
	MATHEMATICS	SEC-1	Logic and Sets	5	2	10	2022			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	6	6	36	2023	5.67	6.31	Q
		CC-9	Multivariate Calculus	5	6	30	2023			
		CC-10	Ring Theory and Linear Algebra I	6	6	36	2023			
	COMPUTER SCIENCE	GE-4	Computer System Architecture	8	6	48	2023			
	MATHEMATICS	SEC-2	Graph Theory	7	2	14	2023			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2023	7.25	7.25	Q
		CC-12	Mechanics I	6	6	36	2023			
	MATHEMATICS	DSE-1	Point Set Topology	7	6	42	2023			
		DSE-2	Probability & Statistics	9	6	54	2023			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	7	6	42	2024	8.50	8.50	Q
		CC-14	Ring Theory and Linear Algebra II	8	6	48	2024			
	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2024			
		DSE-4	Project Work	9	6	54	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **7.39**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **7.51**

Letter Grade in CGPA : A

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amitava Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600B+01479

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: KUNTAL RANA **Roll No. 210340900053**

Honours: ENVIRONMENTAL SCIENCE

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ENVIRONMENTAL SCIENCE	CC-1	Fundamentals of Environment	9	6	54	2021	8.00	7.64	Q
		CC-2	Environmental Biology	7	6	42	2021			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	6	6	36	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	ENVIRONMENTAL SCIENCE	CC-3	Environmental Chemistry	9	6	54	2022	9.00	8.80	Q
		CC-4	Environmental Physics	9	6	54	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2022			
III	ENVIRONMENTAL SCIENCE	CC-5	Earth Science	6	6	36	2022	5.33	5.38	Q
		CC-6	Environmental Resources	6	6	36	2022			
		CC-7	Green Chemistry & Environmental Applications	4	6	24	2022			
	ZOOLOGY	GE-3	Physiology and Biochemistry	6	6	36	2022			
	ENVIRONMENTAL SCIENCE	SEC-1	Remote Sensing & Geographical Information System (GIS)	4	2	8	2022			
IV	ENVIRONMENTAL SCIENCE	CC-8	Ecotoxicology & Environmental Biotechnology	4	6	24	2023	5.33	5.77	Q
		CC-9	Environmental Laws, Policies & Environmental Impact Assessment	6	6	36	2023			
		CC-10	Natural Hazards & Management & Waste Management	6	6	36	2023			
	BOTANY	GE-4	Plant Physiology and Metabolism	7	6	42	2023			
	ENVIRONMENTAL SCIENCE	SEC-2	Conservation & Ecotourism	6	2	12	2023			
V	ENVIRONMENTAL SCIENCE	CC-11	Environmental Pollution	6	6	36	2023	5.00	5.00	Q
		CC-12	Environmental Engineering & Statistics	5	6	30	2023			
	ENVIRONMENTAL SCIENCE	DSE-1	Environmental Pollution & Monitoring Techniques	4	6	24	2023			
		DSE-2	Environmental Health & Stress Physiology	5	6	30	2023			
VI	ENVIRONMENTAL SCIENCE	CC-13	Environmental Economics & Management	5	6	30	2024	5.50	5.50	Q
		CC-14	Wildlife Management & Conservation	6	6	36	2024			
	ENVIRONMENTAL SCIENCE	DSE-3	Atmosphere & Global Climate Change	6	6	36	2024			
		DSE-4	Solid Waste Management	5	6	30	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **6.00**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **6.24**

Letter Grade in CGPA : B+

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amrita Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms			
90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003602X01480

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: LABONI DAS **Roll No. 210340900054**

Honours: MATHEMATICS

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	8	6	48	2021	8.00	8.18	Q
		CC-2	Algebra	8	6	48	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2022	8.50	8.50	Q
		CC-4	Differential Equations and Vector Calculus	8	6	48	2022			
	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2022			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2022			SNC
		CC-6	Group Theory I	NA	6	NA				
		CC-7	Numerical Methods	4	6	24	2022			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2022			
	MATHEMATICS	SEC-1	Logic and Sets	4	2	8	2022			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	NA	6	NA				SNC
		CC-9	Multivariate Calculus	4	6	24	2023			
		CC-10	Ring Theory and Linear Algebra I	6	6	36	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2023			
	MATHEMATICS	SEC-2	Graph Theory	8	2	16	2023			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	5	6	30	2023	5.50	5.50	Q
		CC-12	Mechanics I	4	6	24	2023			
	MATHEMATICS	DSE-1	Point Set Topology	5	6	30	2023			
		DSE-2	Probability & Statistics	8	6	48	2023			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	5	6	30	2024	6.75	6.75	Q
		CC-14	Ring Theory and Linear Algebra II	6	6	36	2024			
	MATHEMATICS	DSE-3	Group Theory II	7	6	42	2024			
		DSE-4	Project Work	9	6	54	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :	**Letter Grade in CGPA :**	**Result : PNC**
CGPA (Cumulative Grade Point Average) on the basis of All Courses :		

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms				Percentage Conversion Formula:
90% to 100%	10	80% and above but below 90%	9	= (SGPA or CGPA×10) - 5.0
70% and above but below 80%	8	60% and above but below 70%	7	*Letter Grade in CGPA is awarded on the basis of CCs and DSEs
50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	

Serial No. 24003602X01481

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: LISHA MUKHERJEE **Roll No. 210340900055**

Honours: COMPUTER SCIENCE

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	COMPUTER SCIENCE	CC-1	Programming Fundamentals using C/C++	10	6	60	2021	9.50	9.27	Q
		CC-2	Computer System Architecture	9	6	54	2021			
	PHYSICS	GE-1	Mechanics	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	COMPUTER SCIENCE	CC-3	Programming in Java	9	6	54	2022	9.50	9.40	Q
		CC-4	Discrete Structure	10	6	60	2022			
	MATHEMATICS	GE-2	Differential Equations	9	6	54	2022			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2022			
III	COMPUTER SCIENCE	CC-5	Data Structure	6	6	36	2022			SNC
		CC-6	Operating Systems	7	6	42	2022			
		CC-7	Computer Networks	6	6	36	2022			
	MATHEMATICS	GE-3	Real Analysis	NA	6	NA				
	COMPUTER SCIENCE	SEC-1	Programming in Python	10	2	20	2022			
IV	COMPUTER SCIENCE	CC-8	Design and Analysis of Algorithms	9	6	54	2023	8.00	7.69	Q
		CC-9	Software Engineering	7	6	42	2023			
		CC-10	Database Management System	8	6	48	2023			
	PHYSICS	GE-4	Waves and Optics	6	6	36	2023			
	COMPUTER SCIENCE	SEC-2	UNIX / Linux Programming	10	2	20	2023			
V	COMPUTER SCIENCE	CC-11	Internet Technologies	7	6	42	2023	6.75	6.75	Q
		CC-12	Theory of Computation	5	6	30	2023			
	COMPUTER SCIENCE	DSE-1	Microprocessors	7	6	42	2023			
		DSE-2	System Programming	8	6	48	2023			
VI	COMPUTER SCIENCE	CC-13	Artificial Intelligence	8	6	48	2024	7.50	7.50	Q
		CC-14	Computer Graphics	9	6	54	2024			
	COMPUTER SCIENCE	DSE-3	Soft Computing	8	6	48	2024			
		DSE-4	Project Work / Dissertation	5	6	30	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :	**Letter Grade in CGPA :**	**Result : PNC**
CGPA (Cumulative Grade Point Average) on the basis of All Courses :		

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600A01482

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: MANOJIT GHOSH **Roll No. 210340900057**

Honours: MATHEMATICS

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	8	6	48	2021	8.50	8.73	Q
		CC-2	Algebra	9	6	54	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2022	8.50	8.50	Q
		CC-4	Differential Equations and Vector Calculus	8	6	48	2022			
	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2022			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	7	6	42	2022	6.00	6.46	Q
		CC-6	Group Theory I	4	6	24	2022			
		CC-7	Numerical Methods	7	6	42	2022			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	8	6	48	2022			
	MATHEMATICS	SEC-1	Logic and Sets	6	2	12	2022			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	6	6	36	2023	6.33	7.00	Q
		CC-9	Multivariate Calculus	7	6	42	2023			
		CC-10	Ring Theory and Linear Algebra I	6	6	36	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2023			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2023			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2023	7.25	7.25	Q
		CC-12	Mechanics I	5	6	30	2023			
	MATHEMATICS	DSE-1	Point Set Topology	7	6	42	2023			
		DSE-2	Probability & Statistics	9	6	54	2023			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	7	6	42	2024	7.75	7.75	Q
		CC-14	Ring Theory and Linear Algebra II	7	6	42	2024			
	MATHEMATICS	DSE-3	Group Theory II	8	6	48	2024			
		DSE-4	Project Work	9	6	54	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **7.28**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **7.55**

Letter Grade in CGPA : A

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003602X01483

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: MOUMITA BHUNYA **Roll No. 210340900058**

Honours: MATHEMATICS

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	9	6	54	2021	9.00	9.45	Q
		CC-2	Algebra	9	6	54	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	10	6	60	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	10	4	40	2021			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2022	8.50	8.60	Q
		CC-4	Differential Equations and Vector Calculus	8	6	48	2022			
	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2022			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2023	5.00	5.54	Q
		CC-6	Group Theory I	4	6	24	2023			
		CC-7	Numerical Methods	5	6	30	2022			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2022			
	MATHEMATICS	SEC-1	Logic and Sets	6	2	12	2022			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	4	6	24	2023			SNC
		CC-9	Multivariate Calculus	NA	6	NA				
		CC-10	Ring Theory and Linear Algebra I	6	6	36	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2023			
	MATHEMATICS	SEC-2	Graph Theory	8	2	16	2023			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2023	5.25	5.25	Q
		CC-12	Mechanics I	5	6	30	2023			
	MATHEMATICS	DSE-1	Point Set Topology	5	6	30	2023			
		DSE-2	Probability & Statistics	5	6	30	2023			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	5	6	30	2024	6.50	6.50	Q
		CC-14	Ring Theory and Linear Algebra II	6	6	36	2024			
	MATHEMATICS	DSE-3	Group Theory II	6	6	36	2024			
		DSE-4	Project Work	9	6	54	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :	**Letter Grade in CGPA :**	**Result : PNC**
CGPA (Cumulative Grade Point Average) on the basis of All Courses :		

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600A01484

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: MOUMITA PALUI **Roll No. 210340900059**

Honours: CHEMISTRY

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	9	6	54	2021	8.50	8.73	Q
		CC-2	Physical Chemistry-I	8	6	48	2021			
	PHYSICS	GE-1	Mechanics	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	9	6	54	2022	9.00	9.10	Q
		CC-4	Organic Chemistry-II	9	6	54	2022			
	MATHEMATICS	GE-2	Differential Equations	9	6	54	2022			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2022			
III	CHEMISTRY	CC-5	Physical Chemistry-II	5	6	30	2022	5.00	5.54	Q
		CC-6	Inorganic Chemistry-II	5	6	30	2022			
		CC-7	Organic Chemistry-III	5	6	30	2022			
	MATHEMATICS	GE-3	Real Analysis	6	6	36	2022			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	9	2	18	2022			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	6	6	36	2023	6.00	6.46	Q
		CC-9	Inorganic Chemistry-III	6	6	36	2023			
		CC-10	Organic Chemistry - IV	6	6	36	2023			
	PHYSICS	GE-4	Waves and Optics	7	6	42	2023			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	9	2	18	2023			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	7	6	42	2023	7.00	7.00	Q
		CC-12	Organic Chemistry-V	7	6	42	2023			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	7	6	42	2023			
		DSE-2	Analytical Methods in Chemistry	7	6	42	2023			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	9	6	54	2024	8.50	8.50	Q
		CC-14	Physical Chemistry-IV	6	6	36	2024			
	CHEMISTRY	DSE-3	Polymer Chemistry	9	6	54	2024			
		DSE-4	Dissertation Followed by Power Point Presentation	10	6	60	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **7.22**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **7.45**

Letter Grade in CGPA : A

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms			
90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600A+01485

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: MOUPIYA DE **Roll No. 210340900060**

Honours: BOTANY

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	7	6	42	2021	7.50	8.18	Q
		CC-2	Archegoniatae	8	6	48	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	BOTANY	CC-3	Mycology and Phytopathology	8	6	48	2022	8.50	8.60	Q
		CC-4	Morphology and Anatomy of Angiosperms	9	6	54	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2022			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	7	6	42	2022	7.33	7.46	Q
		CC-6	Plant Systematics	7	6	42	2022			
		CC-7	Economic Botany	8	6	48	2022			
	ZOOLOGY	GE-3	Physiology and Biochemistry	7	6	42	2022			
	BOTANY	SEC-1	Agricultural Botany	10	2	20	2022			
IV	BOTANY	CC-8	Palaeobotany & Palynology	9	6	54	2023	8.00	8.31	Q
		CC-9	Biomolecules and Cell Biology	7	6	42	2023			
		CC-10	Molecular Biology	8	6	48	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2023			
	BOTANY	SEC-2	Biofertilizers	9	2	18	2023			
V	BOTANY	CC-11	Plant Physiology	8	6	48	2023	8.50	8.50	Q
		CC-12	Plant Metabolism	8	6	48	2023			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	9	6	54	2023			
		DSE-2	Natural Resource Management	9	6	54	2023			
VI	BOTANY	CC-13	Genetics & Plant Breeding	9	6	54	2024	9.00	9.00	Q
		CC-14	Plant Biotechnology	9	6	54	2024			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	9	6	54	2024			
		DSE-4	Industrial and Environmental Microbiology	9	6	54	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **8.22**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **8.32**

Letter Grade in CGPA : A+

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600B+01486

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: MOUSITA SHAW **Roll No. 210340900062**

Honours: ENVIRONMENTAL SCIENCE

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ENVIRONMENTAL SCIENCE	CC-1	Fundamentals of Environment	9	6	54	2021	8.50	8.18	Q
		CC-2	Environmental Biology	8	6	48	2021			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	7	6	42	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	ENVIRONMENTAL SCIENCE	CC-3	Environmental Chemistry	9	6	54	2022	9.00	8.80	Q
		CC-4	Environmental Physics	9	6	54	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2022			
III	ENVIRONMENTAL SCIENCE	CC-5	Earth Science	6	6	36	2022	5.33	5.38	Q
		CC-6	Environmental Resources	6	6	36	2022			
		CC-7	Green Chemistry & Environmental Applications	4	6	24	2022			
	ZOOLOGY	GE-3	Physiology and Biochemistry	6	6	36	2022			
	ENVIRONMENTAL SCIENCE	SEC-1	Remote Sensing & Geographical Information System (GIS)	4	2	8	2022			
IV	ENVIRONMENTAL SCIENCE	CC-8	Ecotoxicology & Environmental Biotechnology	6	6	36	2023	6.00	6.23	Q
		CC-9	Environmental Laws, Policies & Environmental Impact Assessment	6	6	36	2023			
		CC-10	Natural Hazards & Management & Waste Management	6	6	36	2023			
	BOTANY	GE-4	Plant Physiology and Metabolism	7	6	42	2023			
	ENVIRONMENTAL SCIENCE	SEC-2	Conservation & Ecotourism	6	2	12	2023			
V	ENVIRONMENTAL SCIENCE	CC-11	Environmental Pollution	7	6	42	2023	5.25	5.25	Q
		CC-12	Environmental Engineering & Statistics	4	6	24	2023			
	ENVIRONMENTAL SCIENCE	DSE-1	Environmental Pollution & Monitoring Techniques	4	6	24	2023			
		DSE-2	Environmental Health & Stress Physiology	6	6	36	2023			
VI	ENVIRONMENTAL SCIENCE	CC-13	Environmental Economics & Management	6	6	36	2024	6.75	6.75	Q
		CC-14	Wildlife Management & Conservation	8	6	48	2024			
	ENVIRONMENTAL SCIENCE	DSE-3	Atmosphere & Global Climate Change	7	6	42	2024			
		DSE-4	Solid Waste Management	6	6	36	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **6.50**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **6.66**

Letter Grade in CGPA : B+

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amrita Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms				Percentage Conversion Formula:
90% to 100%	10	80% and above but below 90%	9	= (SGPA or CGPA×10) - 5.0
70% and above but below 80%	8	60% and above but below 70%	7	*Letter Grade in CGPA is awarded on the basis of CCs and DSEs
50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	

Serial No. 24003600B+01487

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: NABA KUMAR KARMAKAR **Roll No. 210340900063**

Honours: MATHEMATICS

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	9	6	54	2021	9.00	9.00	Q
		CC-2	Algebra	9	6	54	2021			
	COMPUTER SCIENCE	GE-1	Problem Solving using Computer	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2022	9.00	8.60	Q
		CC-4	Differential Equations and Vector Calculus	9	6	54	2022			
	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2022			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2022			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2022	5.00	5.23	Q
		CC-6	Group Theory I	5	6	30	2023			
		CC-7	Numerical Methods	6	6	36	2022			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2022			
	MATHEMATICS	SEC-1	Logic and Sets	5	2	10	2022			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	5	6	30	2023	5.33	5.85	Q
		CC-9	Multivariate Calculus	5	6	30	2023			
		CC-10	Ring Theory and Linear Algebra I	6	6	36	2023			
	COMPUTER SCIENCE	GE-4	Computer System Architecture	7	6	42	2023			
	MATHEMATICS	SEC-2	Graph Theory	7	2	14	2023			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2023	6.00	6.00	Q
		CC-12	Mechanics I	4	6	24	2023			
	MATHEMATICS	DSE-1	Point Set Topology	5	6	30	2023			
		DSE-2	Probability & Statistics	8	6	48	2023			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	6	6	36	2024	7.75	7.75	Q
		CC-14	Ring Theory and Linear Algebra II	8	6	48	2024			
	MATHEMATICS	DSE-3	Group Theory II	8	6	48	2024			
		DSE-4	Project Work	9	6	54	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **6.78**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **6.96**

Letter Grade in CGPA : B+

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amitava Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600A+01488

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: PARTHA PAL **Roll No. 210340900065**

Honours: COMPUTER SCIENCE

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	COMPUTER SCIENCE	CC-1	Programming Fundamentals using C/C++	9	6	54	2021	9.00	9.27	Q
		CC-2	Computer System Architecture	9	6	54	2021			
	PHYSICS	GE-1	Mechanics	10	6	60	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	COMPUTER SCIENCE	CC-3	Programming in Java	10	6	60	2022	10.00	9.50	Q
		CC-4	Discrete Structure	10	6	60	2022			
	MATHEMATICS	GE-2	Differential Equations	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2022			
III	COMPUTER SCIENCE	CC-5	Data Structure	6	6	36	2022	7.33	7.38	Q
		CC-6	Operating Systems	9	6	54	2022			
		CC-7	Computer Networks	7	6	42	2022			
	MATHEMATICS	GE-3	Real Analysis	7	6	42	2022			
	COMPUTER SCIENCE	SEC-1	Programming in Python	9	2	18	2022			
IV	COMPUTER SCIENCE	CC-8	Design and Analysis of Algorithms	9	6	54	2023	9.00	8.62	Q
		CC-9	Software Engineering	8	6	48	2023			
		CC-10	Database Management System	10	6	60	2023			
	PHYSICS	GE-4	Waves and Optics	7	6	42	2023			
	COMPUTER SCIENCE	SEC-2	UNIX / Linux Programming	10	2	20	2023			
V	COMPUTER SCIENCE	CC-11	Internet Technologies	7	6	42	2023	8.00	8.00	Q
		CC-12	Theory of Computation	6	6	36	2023			
	COMPUTER SCIENCE	DSE-1	Microprocessors	9	6	54	2023			
		DSE-2	System Programming	10	6	60	2023			
VI	COMPUTER SCIENCE	CC-13	Artificial Intelligence	9	6	54	2024	8.00	8.00	Q
		CC-14	Computer Graphics	9	6	54	2024			
	COMPUTER SCIENCE	DSE-3	Soft Computing	9	6	54	2024			
		DSE-4	Project Work / Dissertation	5	6	30	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **8.39**	**Letter Grade in CGPA : A+**	**Result : Q**
CGPA (Cumulative Grade Point Average) on the basis of All Courses : **8.41**		

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms				Percentage Conversion Formula:
90% to 100%	10	80% and above but below 90%	9	= (SGPA or CGPA×10) - 5.0
70% and above but below 80%	8	60% and above but below 70%	7	*Letter Grade in CGPA is awarded on the basis of CCs and DSEs
50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	

Serial No. 24003600A+01489

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: PIYAL PAL **Roll No. 210340900066**

Honours: PHYSICS

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSICS	CC-1	Mathematical Physics-I	10	6	60	2021	9.50	9.27	Q
		CC-2	Mechanics	9	6	54	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	PHYSICS	CC-3	Electricity and Magnetism	9	6	54	2022	9.00	8.80	Q
		CC-4	Waves and Optics	9	6	54	2022			
	MATHEMATICS	GE-2	Differential Equations	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2022			
III	PHYSICS	CC-5	Mathematical Physics-II	7	6	42	2022	7.67	7.00	Q
		CC-6	Thermal Physics	8	6	48	2022			
		CC-7	Digital Systems and Applications	8	6	48	2022			
	MATHEMATICS	GE-3	Real Analysis	4	6	24	2022			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	10	2	20	2022			
IV	PHYSICS	CC-8	Mathematical Physics-III	8	6	48	2023	8.33	8.54	Q
		CC-9	Elements of Modern Physics	9	6	54	2023			
		CC-10	Analog Systems & Applications	8	6	48	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2023			
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	9	2	18	2023			
V	PHYSICS	CC-11	Quantum Mechanics and Applications	6	6	36	2023	7.50	7.50	Q
		CC-12	Solid State Physics	7	6	42	2023			
	PHYSICS	DSE-1	Advanced Mathematical Physics	9	6	54	2023			
		DSE-2	Classical Dynamics	8	6	48	2023			
VI	PHYSICS	CC-13	Electromagnetic Theory	7	6	42	2024	7.75	7.75	Q
		CC-14	Statistical Mechanics	8	6	48	2024			
	PHYSICS	DSE-3	Nuclear and Particle Physics	7	6	42	2024			
		DSE-4	Astronomy and Astrophysics	9	6	54	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **8.11**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **8.10**

Letter Grade in CGPA : A+

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600A+01490

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: PRATYUSHA PRATIHAR **Roll No. 210340900067**

Honours: COMPUTER SCIENCE

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	COMPUTER SCIENCE	CC-1	Programming Fundamentals using C/C++	10	6	60	2021	9.50	9.27	Q
		CC-2	Computer System Architecture	9	6	54	2021			
	PHYSICS	GE-1	Mechanics	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	COMPUTER SCIENCE	CC-3	Programming in Java	10	6	60	2022	10.00	9.70	Q
		CC-4	Discrete Structure	10	6	60	2022			
	MATHEMATICS	GE-2	Differential Equations	9	6	54	2022			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2022			
III	COMPUTER SCIENCE	CC-5	Data Structure	7	6	42	2022	7.00	6.77	Q
		CC-6	Operating Systems	8	6	48	2022			
		CC-7	Computer Networks	6	6	36	2022			
	MATHEMATICS	GE-3	Real Analysis	5	6	30	2022			
	COMPUTER SCIENCE	SEC-1	Programming in Python	10	2	20	2022			
IV	COMPUTER SCIENCE	CC-8	Design and Analysis of Algorithms	9	6	54	2023	8.33	8.15	Q
		CC-9	Software Engineering	7	6	42	2023			
		CC-10	Database Management System	9	6	54	2023			
	PHYSICS	GE-4	Waves and Optics	7	6	42	2023			
	COMPUTER SCIENCE	SEC-2	UNIX / Linux Programming	10	2	20	2023			
V	COMPUTER SCIENCE	CC-11	Internet Technologies	7	6	42	2023	7.25	7.25	Q
		CC-12	Theory of Computation	5	6	30	2023			
	COMPUTER SCIENCE	DSE-1	Microprocessors	7	6	42	2023			
		DSE-2	System Programming	10	6	60	2023			
VI	COMPUTER SCIENCE	CC-13	Artificial Intelligence	9	6	54	2024	8.25	8.25	Q
		CC-14	Computer Graphics	9	6	54	2024			
	COMPUTER SCIENCE	DSE-3	Soft Computing	10	6	60	2024			
		DSE-4	Project Work / Dissertation	5	6	30	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **8.17**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **8.15**

Letter Grade in CGPA : A+

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003602X01491

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: PRIYANBADA MATHUR **Roll No. 210340900068**

Honours: MATHEMATICS

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	8	6	48	2021	8.50	8.73	Q
		CC-2	Algebra	9	6	54	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2022	9.00	8.60	Q
		CC-4	Differential Equations and Vector Calculus	9	6	54	2022			
	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2022			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2022			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	NA	6	NA				SNC
		CC-6	Group Theory I	NA	6	NA				
		CC-7	Numerical Methods	5	6	30	2022			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2022			
	MATHEMATICS	SEC-1	Logic and Sets	5	2	10	2022			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	NA	6	NA				SNC
		CC-9	Multivariate Calculus	NA	6	NA				
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2023			
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2023			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	4	6	24	2023			SNC
		CC-12	Mechanics I	NA	6	NA				
	MATHEMATICS	DSE-1	Point Set Topology	NA	6	NA				
		DSE-2	Probability & Statistics	6	6	36	2023			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	5	6	30	2024	5.75	5.75	Q
		CC-14	Ring Theory and Linear Algebra II	4	6	24	2024			
	MATHEMATICS	DSE-3	Group Theory II	5	6	30	2024			
		DSE-4	Project Work	9	6	54	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :	**Letter Grade in CGPA :**	**Result : PNC**
CGPA (Cumulative Grade Point Average) on the basis of All Courses :		

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amrita Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600A01492

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: PUJA GHOSH **Roll No. 210340900069**

Honours: MATHEMATICS

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	9	6	54	2021	9.00	9.18	Q
		CC-2	Algebra	9	6	54	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	10	4	40	2021			
II	MATHEMATICS	CC-3	Real Analysis	8	6	48	2022	8.00	8.00	Q
		CC-4	Differential Equations and Vector Calculus	8	6	48	2022			
	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2022			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2022			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2022	6.67	7.23	Q
		CC-6	Group Theory I	7	6	42	2022			
		CC-7	Numerical Methods	7	6	42	2022			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	9	6	54	2022			
	MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2022			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	7	6	42	2023	7.67	8.00	Q
		CC-9	Multivariate Calculus	9	6	54	2023			
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2023			
	MATHEMATICS	SEC-2	Graph Theory	8	2	16	2023			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2023	7.50	7.50	Q
		CC-12	Mechanics I	6	6	36	2023			
	MATHEMATICS	DSE-1	Point Set Topology	6	6	36	2023			
		DSE-2	Probability & Statistics	9	6	54	2023			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	7	6	42	2024	8.25	8.25	Q
		CC-14	Ring Theory and Linear Algebra II	8	6	48	2024			
	MATHEMATICS	DSE-3	Group Theory II	9	6	54	2024			
		DSE-4	Project Work	9	6	54	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **7.78**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **8.00**

Letter Grade in CGPA : A

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amrita Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600O01493

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: PURNA SAMUI **Roll No. 210340900070**

Honours: PHYSICS

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSICS	CC-1	Mathematical Physics-I	10	6	60	2021	10.00	9.55	Q
		CC-2	Mechanics	10	6	60	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	PHYSICS	CC-3	Electricity and Magnetism	9	6	54	2022	9.00	8.90	Q
		CC-4	Waves and Optics	9	6	54	2022			
	MATHEMATICS	GE-2	Differential Equations	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2022			
III	PHYSICS	CC-5	Mathematical Physics-II	9	6	54	2022	8.67	7.92	Q
		CC-6	Thermal Physics	9	6	54	2022			
		CC-7	Digital Systems and Applications	8	6	48	2022			
	MATHEMATICS	GE-3	Real Analysis	5	6	30	2022			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	10	2	20	2022			
IV	PHYSICS	CC-8	Mathematical Physics-III	9	6	54	2023	9.00	9.31	Q
		CC-9	Elements of Modern Physics	9	6	54	2023			
		CC-10	Analog Systems & Applications	9	6	54	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	10	6	60	2023			
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	10	2	20	2023			
V	PHYSICS	CC-11	Quantum Mechanics and Applications	8	6	48	2023	8.75	8.75	Q
		CC-12	Solid State Physics	8	6	48	2023			
	PHYSICS	DSE-1	Advanced Mathematical Physics	10	6	60	2023			
		DSE-2	Classical Dynamics	9	6	54	2023			
VI	PHYSICS	CC-13	Electromagnetic Theory	9	6	54	2024	9.25	9.25	Q
		CC-14	Statistical Mechanics	10	6	60	2024			
	PHYSICS	DSE-3	Nuclear and Particle Physics	9	6	54	2024			
		DSE-4	Astronomy and Astrophysics	9	6	54	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **9.06**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **8.93**

Letter Grade in CGPA : O

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amrita Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003612X01494

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: RAHUL GUCHHAIT **Roll No. 210340900071**

Honours: MATHEMATICS

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	9	6	54	2021	8.50	8.91	Q
		CC-2	Algebra	8	6	48	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	10	4	40	2021			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2022	8.50	8.00	Q
		CC-4	Differential Equations and Vector Calculus	8	6	48	2022			
	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2022			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2022			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2023			SNC
		CC-6	Group Theory I	NA	6	NA				
		CC-7	Numerical Methods	5	6	30	2022			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2022			
	MATHEMATICS	SEC-1	Logic and Sets	5	2	10	2023			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	5	6	30	2023	4.33	5.08	Q
		CC-9	Multivariate Calculus	4	6	24	2023			
		CC-10	Ring Theory and Linear Algebra I	4	6	24	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2023			
	MATHEMATICS	SEC-2	Graph Theory	6	2	12	2023			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2023	5.25	5.25	Q
		CC-12	Mechanics I	4	6	24	2023			
	MATHEMATICS	DSE-1	Point Set Topology	6	6	36	2023			
		DSE-2	Probability & Statistics	5	6	30	2023			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	4	6	24	2024			SNC
		CC-14	Ring Theory and Linear Algebra II	NA	6	NA				
	MATHEMATICS	DSE-3	Group Theory II	6	6	36	2024			
		DSE-4	Project Work	9	6	54	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :	**Letter Grade in CGPA :**	**Result : PNC**
CGPA (Cumulative Grade Point Average) on the basis of All Courses :		

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003602X01495

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: RAHUL SEKH **Roll No. 210340900072**

Honours: COMPUTER SCIENCE

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	COMPUTER SCIENCE	CC-1	Programming Fundamentals using C/C++	9	6	54	2021	8.50	8.45	Q
		CC-2	Computer System Architecture	8	6	48	2021			
	PHYSICS	GE-1	Mechanics	8	6	48	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	COMPUTER SCIENCE	CC-3	Programming in Java	9	6	54	2022	9.50	9.10	Q
		CC-4	Discrete Structure	10	6	60	2022			
	MATHEMATICS	GE-2	Differential Equations	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2022			
III	COMPUTER SCIENCE	CC-5	Data Structure	5	6	30	2022			SNC
		CC-6	Operating Systems	6	6	36	2022			
		CC-7	Computer Networks	5	6	30	2022			
	MATHEMATICS	GE-3	Real Analysis	NA	6	NA				
	COMPUTER SCIENCE	SEC-1	Programming in Python	9	2	18	2022			
IV	COMPUTER SCIENCE	CC-8	Design and Analysis of Algorithms	7	6	42	2023	6.33	6.23	Q
		CC-9	Software Engineering	6	6	36	2023			
		CC-10	Database Management System	6	6	36	2023			
	PHYSICS	GE-4	Waves and Optics	5	6	30	2023			
	COMPUTER SCIENCE	SEC-2	UNIX / Linux Programming	9	2	18	2023			
V	COMPUTER SCIENCE	CC-11	Internet Technologies	6	6	36	2023	6.00	6.00	Q
		CC-12	Theory of Computation	5	6	30	2023			
	COMPUTER SCIENCE	DSE-1	Microprocessors	5	6	30	2023			
		DSE-2	System Programming	8	6	48	2023			
VI	COMPUTER SCIENCE	CC-13	Artificial Intelligence	7	6	42	2024	6.50	6.50	Q
		CC-14	Computer Graphics	7	6	42	2024			
	COMPUTER SCIENCE	DSE-3	Soft Computing	7	6	42	2024			
		DSE-4	Project Work / Dissertation	5	6	30	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :	**Letter Grade in CGPA :**	**Result : PNC**
CGPA (Cumulative Grade Point Average) on the basis of All Courses :		

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amrita Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600B+01496

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: RAJKUMAR SAIN **Roll No. 210340900073**

Honours: BOTANY

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	7	6	42	2021	7.00	7.91	Q
		CC-2	Archegoniatae	7	6	42	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	BOTANY	CC-3	Mycology and Phytopathology	8	6	48	2022	8.00	8.30	Q
		CC-4	Morphology and Anatomy of Angiosperms	8	6	48	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2022			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	5	6	30	2022	6.33	6.46	Q
		CC-6	Plant Systematics	6	6	36	2022			
		CC-7	Economic Botany	8	6	48	2022			
	ZOOLOGY	GE-3	Physiology and Biochemistry	6	6	36	2022			
	BOTANY	SEC-1	Agricultural Botany	9	2	18	2022			
IV	BOTANY	CC-8	Palaeobotany & Palynology	7	6	42	2023	6.67	7.31	Q
		CC-9	Biomolecules and Cell Biology	6	6	36	2023			
		CC-10	Molecular Biology	7	6	42	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2023			
	BOTANY	SEC-2	Biofertilizers	8	2	16	2023			
V	BOTANY	CC-11	Plant Physiology	6	6	36	2023	6.50	6.50	Q
		CC-12	Plant Metabolism	5	6	30	2023			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	7	6	42	2023			
		DSE-2	Natural Resource Management	8	6	48	2023			
VI	BOTANY	CC-13	Genetics & Plant Breeding	6	6	36	2024	6.75	6.75	Q
		CC-14	Plant Biotechnology	6	6	36	2024			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	8	6	48	2024			
		DSE-4	Industrial and Environmental Microbiology	7	6	42	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **6.78**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **7.15**

Letter Grade in CGPA : B+

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amrita Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600A01497

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: RANJANA KARMAKAR **Roll No. 210340900074**

Honours: BOTANY

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	8	6	48	2021	8.00	8.27	Q
		CC-2	Archegoniatae	8	6	48	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2021			
II	BOTANY	CC-3	Mycology and Phytopathology	9	6	54	2022	9.00	9.10	Q
		CC-4	Morphology and Anatomy of Angiosperms	9	6	54	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2022			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2022			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	6	6	36	2022	7.67	7.46	Q
		CC-6	Plant Systematics	8	6	48	2022			
		CC-7	Economic Botany	9	6	54	2022			
	ZOOLOGY	GE-3	Physiology and Biochemistry	6	6	36	2022			
	BOTANY	SEC-1	Agricultural Botany	10	2	20	2022			
IV	BOTANY	CC-8	Palaeobotany & Palynology	7	6	42	2023	6.67	7.38	Q
		CC-9	Biomolecules and Cell Biology	6	6	36	2023			
		CC-10	Molecular Biology	7	6	42	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2023			
	BOTANY	SEC-2	Biofertilizers	9	2	18	2023			
V	BOTANY	CC-11	Plant Physiology	6	6	36	2023	6.75	6.75	Q
		CC-12	Plant Metabolism	5	6	30	2023			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	8	6	48	2023			
		DSE-2	Natural Resource Management	8	6	48	2023			
VI	BOTANY	CC-13	Genetics & Plant Breeding	7	6	42	2024	7.25	7.25	Q
		CC-14	Plant Biotechnology	7	6	42	2024			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	8	6	48	2024			
		DSE-4	Industrial and Environmental Microbiology	7	6	42	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **7.39**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **7.65**

Letter Grade in CGPA : A

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003602X01498

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: RATNADEEP GAYEN **Roll No. 210340900075**

Honours: PHYSICS

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSICS	CC-1	Mathematical Physics-I	8	6	48	2021	8.00	8.45	Q
		CC-2	Mechanics	8	6	48	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	PHYSICS	CC-3	Electricity and Magnetism	8	6	48	2022	8.00	8.30	Q
		CC-4	Waves and Optics	8	6	48	2022			
	MATHEMATICS	GE-2	Differential Equations	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2022			
III	PHYSICS	CC-5	Mathematical Physics-II	5	6	30	2022			SNC
		CC-6	Thermal Physics	6	6	36	2022			
		CC-7	Digital Systems and Applications	6	6	36	2022			
	MATHEMATICS	GE-3	Real Analysis	NA	6	NA				
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	8	2	16	2022			
IV	PHYSICS	CC-8	Mathematical Physics-III	4	6	24	2023	4.67	5.54	Q
		CC-9	Elements of Modern Physics	5	6	30	2023			
		CC-10	Analog Systems & Applications	5	6	30	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2023			
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	6	2	12	2023			
V	PHYSICS	CC-11	Quantum Mechanics and Applications	5	6	30	2023	6.00	6.00	Q
		CC-12	Solid State Physics	6	6	36	2023			
	PHYSICS	DSE-1	Advanced Mathematical Physics	8	6	48	2023			
		DSE-2	Classical Dynamics	5	6	30	2023			
VI	PHYSICS	CC-13	Electromagnetic Theory	6	6	36	2024	6.50	6.50	Q
		CC-14	Statistical Mechanics	7	6	42	2024			
	PHYSICS	DSE-3	Nuclear and Particle Physics	5	6	30	2024			
		DSE-4	Astronomy and Astrophysics	8	6	48	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :								**Letter Grade in CGPA :**		**Result : PNC**
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amitya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600A+01499

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: RATRI PORE **Roll No. 210340900076**

Honours: MATHEMATICS

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	10	6	60	2021	10.00	9.73	Q
		CC-2	Algebra	10	6	60	2021			
	COMPUTER SCIENCE	GE-1	Problem Solving using Computer	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	10	4	40	2021			
II	MATHEMATICS	CC-3	Real Analysis	10	6	60	2022	10.00	9.50	Q
		CC-4	Differential Equations and Vector Calculus	10	6	60	2022			
	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2022			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	9	6	54	2022	8.00	8.15	Q
		CC-6	Group Theory I	6	6	36	2022			
		CC-7	Numerical Methods	9	6	54	2022			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	9	6	54	2022			
	MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2022			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	10	6	60	2023	9.00	9.08	Q
		CC-9	Multivariate Calculus	9	6	54	2023			
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2023			
	COMPUTER SCIENCE	GE-4	Computer System Architecture	9	6	54	2023			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2023			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2023	8.25	8.25	Q
		CC-12	Mechanics I	6	6	36	2023			
	MATHEMATICS	DSE-1	Point Set Topology	9	6	54	2023			
		DSE-2	Probability & Statistics	9	6	54	2023			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	8	6	48	2024	9.00	9.00	Q
		CC-14	Ring Theory and Linear Algebra II	9	6	54	2024			
	MATHEMATICS	DSE-3	Group Theory II	9	6	54	2024			
		DSE-4	Project Work	10	6	60	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **8.89**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **8.92**

Letter Grade in CGPA : A+

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amrita Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600A01500

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: RITU MONDAL **Roll No. 210340900077**

Honours: MATHEMATICS

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	8	6	48	2021	9.00	9.00	Q
		CC-2	Algebra	10	6	60	2021			
	COMPUTER SCIENCE	GE-1	Problem Solving using Computer	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2022	9.00	8.80	Q
		CC-4	Differential Equations and Vector Calculus	9	6	54	2022			
	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2022			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	7	6	42	2022	6.33	6.54	Q
		CC-6	Group Theory I	4	6	24	2022			
		CC-7	Numerical Methods	8	6	48	2022			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	8	6	48	2022			
	MATHEMATICS	SEC-1	Logic and Sets	4	2	8	2022			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	5	6	30	2023	5.33	6.62	Q
		CC-9	Multivariate Calculus	5	6	30	2023			
		CC-10	Ring Theory and Linear Algebra I	6	6	36	2023			
	COMPUTER SCIENCE	GE-4	Computer System Architecture	10	6	60	2023			
	MATHEMATICS	SEC-2	Graph Theory	8	2	16	2023			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2023	6.75	6.75	Q
		CC-12	Mechanics I	5	6	30	2023			
	MATHEMATICS	DSE-1	Point Set Topology	7	6	42	2023			
		DSE-2	Probability & Statistics	8	6	48	2023			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	8	6	48	2024	9.00	9.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2024			
	MATHEMATICS	DSE-3	Group Theory II	9	6	54	2024			
		DSE-4	Project Work	9	6	54	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **7.44**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **7.70**

Letter Grade in CGPA : A

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amrita Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600B+01501

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: RIYA SHAW **Roll No. 210340900078**

Honours: BOTANY

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	8	6	48	2021	8.00	8.45	Q
		CC-2	Archegoniatae	8	6	48	2021			
	ENVIRONMENTAL SCIENCE	GE-1	Environment & Society	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	BOTANY	CC-3	Mycology and Phytopathology	8	6	48	2022	8.50	8.50	Q
		CC-4	Morphology and Anatomy of Angiosperms	9	6	54	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2022			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	6	6	36	2022	6.67	6.38	Q
		CC-6	Plant Systematics	7	6	42	2022			
		CC-7	Economic Botany	7	6	42	2022			
	ZOOLOGY	GE-3	Physiology and Biochemistry	5	6	30	2022			
	BOTANY	SEC-1	Agricultural Botany	8	2	16	2022			
IV	BOTANY	CC-8	Palaeobotany & Palynology	6	6	36	2023	5.33	5.69	Q
		CC-9	Biomolecules and Cell Biology	5	6	30	2023			
		CC-10	Molecular Biology	5	6	30	2023			
	ENVIRONMENTAL SCIENCE	GE-4	Green Technology	6	6	36	2023			
	BOTANY	SEC-2	Biofertilizers	8	2	16	2023			
V	BOTANY	CC-11	Plant Physiology	5	6	30	2023	6.00	6.00	Q
		CC-12	Plant Metabolism	5	6	30	2023			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	7	6	42	2023			
		DSE-2	Natural Resource Management	7	6	42	2023			
VI	BOTANY	CC-13	Genetics & Plant Breeding	5	6	30	2024	5.75	5.75	Q
		CC-14	Plant Biotechnology	6	6	36	2024			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	7	6	42	2024			
		DSE-4	Industrial and Environmental Microbiology	5	6	30	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **6.44**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **6.70**

Letter Grade in CGPA : B+

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amrita Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600B+01502

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: RONITA KOLEY **Roll No. 210340900080**

Honours: ZOOLOGY

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	9	6	54	2021	9.00	9.00	Q
		CC-2	Ecology	9	6	54	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	ZOOLOGY	CC-3	Non-chordates II	9	6	54	2022	8.50	8.20	Q
		CC-4	Cell Biology	8	6	48	2022			
	BOTANY	GE-2	Plant Ecology and Taxonomy	8	6	48	2022			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2022			
III	ZOOLOGY	CC-5	Chordates	6	6	36	2022	5.33	5.92	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	5	6	30	2022			
		CC-7	Fundamentals of Biochemistry	5	6	30	2022			
	BOTANY	GE-3	Plant Anatomy and Embryology	7	6	42	2022			
	ZOOLOGY	SEC-1	Sericulture	8	2	16	2022			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	8	6	48	2023	7.00	7.08	Q
		CC-9	Animal Physiology: Life Sustaining Systems	6	6	36	2023			
		CC-10	Immunology	7	6	42	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2023			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	8	2	16	2023			
V	ZOOLOGY	CC-11	Molecular Biology	7	6	42	2023	6.00	6.00	Q
		CC-12	Genetics	6	6	36	2023			
	ZOOLOGY	DSE-1	Animal Biotechnology	5	6	30	2023			
		DSE-2	Parasitology	6	6	36	2023			
VI	ZOOLOGY	CC-13	Developmental Biology	6	6	36	2024	5.75	5.75	Q
		CC-14	Evolutionary Biology	5	6	30	2024			
	ZOOLOGY	DSE-3	Animal Behaviour	6	6	36	2024			
		DSE-4	Endocrinology	6	6	36	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **6.61**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **6.92**

Letter Grade in CGPA : B+

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600B+01503

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: ROSMINA IASMIN **Roll No. 210340900081**

Honours: MATHEMATICS

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	9	6	54	2021	8.50	8.73	Q
		CC-2	Algebra	8	6	48	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	MATHEMATICS	CC-3	Real Analysis	10	6	60	2022	9.00	8.60	Q
		CC-4	Differential Equations and Vector Calculus	8	6	48	2022			
	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2022			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2022			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2022	4.67	5.15	Q
		CC-6	Group Theory I	5	6	30	2023			
		CC-7	Numerical Methods	4	6	24	2023			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2022			
	MATHEMATICS	SEC-1	Logic and Sets	4	2	8	2022			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	5	6	30	2023	6.00	6.62	Q
		CC-9	Multivariate Calculus	8	6	48	2023			
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2023			
	MATHEMATICS	SEC-2	Graph Theory	8	2	16	2023			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2023	6.00	6.00	Q
		CC-12	Mechanics I	5	6	30	2023			
	MATHEMATICS	DSE-1	Point Set Topology	7	6	42	2023			
		DSE-2	Probability & Statistics	6	6	36	2023			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	5	6	30	2024	6.00	6.00	Q
		CC-14	Ring Theory and Linear Algebra II	5	6	30	2024			
	MATHEMATICS	DSE-3	Group Theory II	6	6	36	2024			
		DSE-4	Project Work	8	6	48	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **6.39**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **6.75**

Letter Grade in CGPA : B+

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amrita Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003602X01504

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: RUNA DHARA **Roll No. 210340900082**

Honours: ENVIRONMENTAL SCIENCE

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ENVIRONMENTAL SCIENCE	CC-1	Fundamentals of Environment	10	6	60	2021	9.00	8.18	Q
		CC-2	Environmental Biology	8	6	48	2021			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	6	6	36	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	ENVIRONMENTAL SCIENCE	CC-3	Environmental Chemistry	9	6	54	2022	9.00	8.80	Q
		CC-4	Environmental Physics	9	6	54	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2022			
III	ENVIRONMENTAL SCIENCE	CC-5	Earth Science	4	6	24	2022	4.33	4.46	Q
		CC-6	Environmental Resources	5	6	30	2022			
		CC-7	Green Chemistry & Environmental Applications	4	6	24	2023			
	ZOOLOGY	GE-3	Physiology and Biochemistry	5	6	30	2022			
	ENVIRONMENTAL SCIENCE	SEC-1	Remote Sensing & Geographical Information System (GIS)	4	2	8	2022			
IV	ENVIRONMENTAL SCIENCE	CC-8	Ecotoxicology & Environmental Biotechnology	6	6	36	2023	5.67	6.08	Q
		CC-9	Environmental Laws, Policies & Environmental Impact Assessment	5	6	30	2023			
		CC-10	Natural Hazards & Management & Waste Management	6	6	36	2023			
	BOTANY	GE-4	Plant Physiology and Metabolism	7	6	42	2023			
	ENVIRONMENTAL SCIENCE	SEC-2	Conservation & Ecotourism	7	2	14	2023			
V	ENVIRONMENTAL SCIENCE	CC-11	Environmental Pollution	6	6	36	2023			SNC
		CC-12	Environmental Engineering & Statistics	NA	6	NA				
	ENVIRONMENTAL SCIENCE	DSE-1	Environmental Pollution & Monitoring Techniques	4	6	24	2023			
		DSE-2	Environmental Health & Stress Physiology	5	6	30	2023			
VI	ENVIRONMENTAL SCIENCE	CC-13	Environmental Economics & Management	4	6	24	2024	6.00	6.00	Q
		CC-14	Wildlife Management & Conservation	7	6	42	2024			
	ENVIRONMENTAL SCIENCE	DSE-3	Atmosphere & Global Climate Change	6	6	36	2024			
		DSE-4	Solid Waste Management	7	6	42	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :

CGPA (Cumulative Grade Point Average) on the basis of All Courses :

Letter Grade in CGPA :

Result : PNC

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003602X01505 B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: SAGNIK BHATTACHARYA **Roll No. 210340900083**

Honours: MATHEMATICS

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	8	6	48	2021	8.50	8.73	Q
		CC-2	Algebra	9	6	54	2021			
	COMPUTER SCIENCE	GE-1	Problem Solving using Computer	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2022	9.50	8.90	Q
		CC-4	Differential Equations and Vector Calculus	10	6	60	2022			
	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2022			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2022			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2023	4.00	4.85	Q
		CC-6	Group Theory I	4	6	24	2022			
		CC-7	Numerical Methods	4	6	24	2022			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2022			
	MATHEMATICS	SEC-1	Logic and Sets	6	2	12	2023			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	NA	6	NA				SNC
		CC-9	Multivariate Calculus	NA	6	NA				
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2023			
	COMPUTER SCIENCE	GE-4	Computer System Architecture	8	6	48	2023			
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2023			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	NA	6	NA				SNC
		CC-12	Mechanics I	4	6	24	2023			
	MATHEMATICS	DSE-1	Point Set Topology	4	6	24	2023			
		DSE-2	Probability & Statistics	5	6	30	2023			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	4	6	24	2024	5.75	5.75	Q
		CC-14	Ring Theory and Linear Algebra II	5	6	30	2024			
	MATHEMATICS	DSE-3	Group Theory II	6	6	36	2024			
		DSE-4	Project Work	8	6	48	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :								**Letter Grade in CGPA :**		**Result : PNC**
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms				Percentage Conversion Formula:
90% to 100%	10	80% and above but below 90%	9	= (SGPA or CGPA×10) - 5.0
70% and above but below 80%	8	60% and above but below 70%	7	*Letter Grade in CGPA is awarded on the basis of CCs and DSEs
50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	

Serial No. 24003600B+01506

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: SAHELI MONDAL **Roll No. 210340900085**

Honours: ZOOLOGY

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	7	6	42	2021	7.50	8.18	Q
		CC-2	Ecology	8	6	48	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	ZOOLOGY	CC-3	Non-chordates II	9	6	54	2022	9.00	8.50	Q
		CC-4	Cell Biology	9	6	54	2022			
	BOTANY	GE-2	Plant Ecology and Taxonomy	8	6	48	2022			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2022			
III	ZOOLOGY	CC-5	Chordates	7	6	42	2022	6.33	6.62	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	7	6	42	2022			
		CC-7	Fundamentals of Biochemistry	5	6	30	2022			
	BOTANY	GE-3	Plant Anatomy and Embryology	7	6	42	2022			
	ZOOLOGY	SEC-1	Sericulture	8	2	16	2022			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	8	6	48	2023	7.00	7.31	Q
		CC-9	Animal Physiology: Life Sustaining Systems	6	6	36	2023			
		CC-10	Immunology	7	6	42	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2023			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	8	2	16	2023			
V	ZOOLOGY	CC-11	Molecular Biology	7	6	42	2023	6.50	6.50	Q
		CC-12	Genetics	7	6	42	2023			
	ZOOLOGY	DSE-1	Animal Biotechnology	6	6	36	2023			
		DSE-2	Parasitology	6	6	36	2023			
VI	ZOOLOGY	CC-13	Developmental Biology	6	6	36	2024	5.75	5.75	Q
		CC-14	Evolutionary Biology	5	6	30	2024			
	ZOOLOGY	DSE-3	Animal Behaviour	6	6	36	2024			
		DSE-4	Endocrinology	6	6	36	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **6.78**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **7.08**

Letter Grade in CGPA : B+

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amrita Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600A01507 B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: SAIKAT MALICK **Roll No. 210340900086**

Honours: ZOOLOGY

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	7	6	42	2021	8.00	8.18	Q
		CC-2	Ecology	9	6	54	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	ZOOLOGY	CC-3	Non-chordates II	8	6	48	2022	8.00	7.90	Q
		CC-4	Cell Biology	8	6	48	2022			
	BOTANY	GE-2	Plant Ecology and Taxonomy	8	6	48	2022			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2022			
III	ZOOLOGY	CC-5	Chordates	7	6	42	2022	6.67	7.08	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	7	6	42	2022			
		CC-7	Fundamentals of Biochemistry	6	6	36	2022			
	BOTANY	GE-3	Plant Anatomy and Embryology	8	6	48	2022			
	ZOOLOGY	SEC-1	Sericulture	8	2	16	2022			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	8	6	48	2023	7.67	7.77	Q
		CC-9	Animal Physiology: Life Sustaining Systems	7	6	42	2023			
		CC-10	Immunology	8	6	48	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2023			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	8	2	16	2023			
V	ZOOLOGY	CC-11	Molecular Biology	7	6	42	2023	7.00	7.00	Q
		CC-12	Genetics	8	6	48	2023			
	ZOOLOGY	DSE-1	Animal Biotechnology	7	6	42	2023			
		DSE-2	Parasitology	6	6	36	2023			
VI	ZOOLOGY	CC-13	Developmental Biology	6	6	36	2024	6.00	6.00	Q
		CC-14	Evolutionary Biology	5	6	30	2024			
	ZOOLOGY	DSE-3	Animal Behaviour	7	6	42	2024			
		DSE-4	Endocrinology	6	6	36	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **7.06**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **7.30**

Letter Grade in CGPA : A **Result : Q**

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amrita Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600B+01508

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: SAILEN PATTANAYAK **Roll No. 210340900087**

Honours: PHYSICS

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSICS	CC-1	Mathematical Physics-I	8	6	48	2021	8.50	8.73	Q
		CC-2	Mechanics	9	6	54	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	PHYSICS	CC-3	Electricity and Magnetism	8	6	48	2022	8.50	8.50	Q
		CC-4	Waves and Optics	9	6	54	2022			
	MATHEMATICS	GE-2	Differential Equations	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2022			
III	PHYSICS	CC-5	Mathematical Physics-II	6	6	36	2022	6.33	6.00	Q
		CC-6	Thermal Physics	6	6	36	2022			
		CC-7	Digital Systems and Applications	7	6	42	2022			
	MATHEMATICS	GE-3	Real Analysis	4	6	24	2022			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	9	2	18	2022			
IV	PHYSICS	CC-8	Mathematical Physics-III	5	6	30	2023	5.00	5.54	Q
		CC-9	Elements of Modern Physics	5	6	30	2023			
		CC-10	Analog Systems & Applications	5	6	30	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2023			
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	6	2	12	2023			
V	PHYSICS	CC-11	Quantum Mechanics and Applications	5	6	30	2023	6.50	6.50	Q
		CC-12	Solid State Physics	6	6	36	2023			
	PHYSICS	DSE-1	Advanced Mathematical Physics	10	6	60	2023			
		DSE-2	Classical Dynamics	5	6	30	2023			
VI	PHYSICS	CC-13	Electromagnetic Theory	7	6	42	2024	6.50	6.50	Q
		CC-14	Statistical Mechanics	7	6	42	2024			
	PHYSICS	DSE-3	Nuclear and Particle Physics	5	6	30	2024			
		DSE-4	Astronomy and Astrophysics	7	6	42	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **6.67**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **6.86**

Letter Grade in CGPA : B+

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amrita Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600A+01509

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: SAMAPTI PANJA **Roll No. 210340900088**

Honours: COMPUTER SCIENCE

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	COMPUTER SCIENCE	CC-1	Programming Fundamentals using C/C++	10	6	60	2021	9.50	9.09	Q
		CC-2	Computer System Architecture	9	6	54	2021			
	PHYSICS	GE-1	Mechanics	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2021			
II	COMPUTER SCIENCE	CC-3	Programming in Java	10	6	60	2022	10.00	9.70	Q
		CC-4	Discrete Structure	10	6	60	2022			
	MATHEMATICS	GE-2	Differential Equations	9	6	54	2022			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2022			
III	COMPUTER SCIENCE	CC-5	Data Structure	8	6	48	2022	9.00	8.38	Q
		CC-6	Operating Systems	10	6	60	2022			
		CC-7	Computer Networks	9	6	54	2022			
	MATHEMATICS	GE-3	Real Analysis	6	6	36	2022			
	COMPUTER SCIENCE	SEC-1	Programming in Python	10	2	20	2022			
IV	COMPUTER SCIENCE	CC-8	Design and Analysis of Algorithms	10	6	60	2023	9.00	8.62	Q
		CC-9	Software Engineering	8	6	48	2023			
		CC-10	Database Management System	9	6	54	2023			
	PHYSICS	GE-4	Waves and Optics	7	6	42	2023			
	COMPUTER SCIENCE	SEC-2	PHP Programming	10	2	20	2023			
V	COMPUTER SCIENCE	CC-11	Internet Technologies	8	6	48	2023	8.25	8.25	Q
		CC-12	Theory of Computation	7	6	42	2023			
	COMPUTER SCIENCE	DSE-1	Microprocessors	8	6	48	2023			
		DSE-2	System Programming	10	6	60	2023			
VI	COMPUTER SCIENCE	CC-13	Artificial Intelligence	10	6	60	2024	8.75	8.75	Q
		CC-14	Computer Graphics	10	6	60	2024			
	COMPUTER SCIENCE	DSE-3	Soft Computing	10	6	60	2024			
		DSE-4	Project Work / Dissertation	5	6	30	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **8.94**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **8.76**

Letter Grade in CGPA : A+

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600A+01510

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: SAMPRITI PAL **Roll No. 210340900089**

Honours: COMPUTER SCIENCE

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	COMPUTER SCIENCE	CC-1	Programming Fundamentals using C/C++	10	6	60	2021	9.50	9.27	Q
		CC-2	Computer System Architecture	9	6	54	2021			
	PHYSICS	GE-1	Mechanics	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	COMPUTER SCIENCE	CC-3	Programming in Java	9	6	54	2022	9.50	9.40	Q
		CC-4	Discrete Structure	10	6	60	2022			
	MATHEMATICS	GE-2	Differential Equations	9	6	54	2022			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2022			
III	COMPUTER SCIENCE	CC-5	Data Structure	8	6	48	2022	8.00	7.69	Q
		CC-6	Operating Systems	9	6	54	2022			
		CC-7	Computer Networks	7	6	42	2022			
	MATHEMATICS	GE-3	Real Analysis	6	6	36	2022			
	COMPUTER SCIENCE	SEC-1	Programming in Python	10	2	20	2022			
IV	COMPUTER SCIENCE	CC-8	Design and Analysis of Algorithms	9	6	54	2023	8.00	7.92	Q
		CC-9	Software Engineering	7	6	42	2023			
		CC-10	Database Management System	8	6	48	2023			
	PHYSICS	GE-4	Waves and Optics	7	6	42	2023			
	COMPUTER SCIENCE	SEC-2	UNIX / Linux Programming	10	2	20	2023			
V	COMPUTER SCIENCE	CC-11	Internet Technologies	7	6	42	2023	7.50	7.50	Q
		CC-12	Theory of Computation	5	6	30	2023			
	COMPUTER SCIENCE	DSE-1	Microprocessors	8	6	48	2023			
		DSE-2	System Programming	10	6	60	2023			
VI	COMPUTER SCIENCE	CC-13	Artificial Intelligence	10	6	60	2024	8.00	8.00	Q
		CC-14	Computer Graphics	8	6	48	2024			
	COMPUTER SCIENCE	DSE-3	Soft Computing	9	6	54	2024			
		DSE-4	Project Work / Dissertation	5	6	30	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **8.22**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **8.24**

Letter Grade in CGPA : A+

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003602X01511

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: SANDIP MALIK **Roll No. 210340900090**

Honours: CHEMISTRY

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	9	6	54	2021	8.50	8.73	Q
		CC-2	Physical Chemistry-I	8	6	48	2021			
	PHYSICS	GE-1	Mechanics	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	9	6	54	2022	9.00	8.90	Q
		CC-4	Organic Chemistry-II	9	6	54	2022			
	MATHEMATICS	GE-2	Differential Equations	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2022			
III	CHEMISTRY	CC-5	Physical Chemistry-II	5	6	30	2022			SNC
		CC-6	Inorganic Chemistry-II	5	6	30	2022			
		CC-7	Organic Chemistry-III	5	6	30	2022			
	MATHEMATICS	GE-3	Real Analysis	NA	6	NA				
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	8	2	16	2022			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	6	6	36	2023	6.00	6.31	Q
		CC-9	Inorganic Chemistry-III	6	6	36	2023			
		CC-10	Organic Chemistry - IV	6	6	36	2023			
	PHYSICS	GE-4	Waves and Optics	7	6	42	2023			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	7	2	14	2023			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	7	6	42	2023	6.25	6.25	Q
		CC-12	Organic Chemistry-V	6	6	36	2023			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	6	6	36	2023			
		DSE-2	Analytical Methods in Chemistry	6	6	36	2023			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	7	6	42	2024	7.25	7.25	Q
		CC-14	Physical Chemistry-IV	6	6	36	2024			
	CHEMISTRY	DSE-3	Polymer Chemistry	7	6	42	2024			
		DSE-4	Dissertation Followed by Power Point Presentation	9	6	54	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :

CGPA (Cumulative Grade Point Average) on the basis of All Courses :

Letter Grade in CGPA :

Result : PNC

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amrita Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003612X01512

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: SANTANU MONDAL **Roll No. 210340900091**

Honours: MATHEMATICS

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	9	6	54	2021	9.00	9.00	Q
		CC-2	Algebra	9	6	54	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2022	9.00	8.50	Q
		CC-4	Differential Equations and Vector Calculus	9	6	54	2022			
	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2022			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2022			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	NA	6	NA				SNC
		CC-6	Group Theory I	NA	6	NA				
		CC-7	Numerical Methods	4	6	24	2022			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	5	6	30	2022			
	MATHEMATICS	SEC-1	Logic and Sets	4	2	8	2022			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	NA	6	NA				SNC
		CC-9	Multivariate Calculus	NA	6	NA				
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2023			
	MATHEMATICS	SEC-2	Graph Theory	7	2	14	2023			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	NA	6	NA				SNC
		CC-12	Mechanics I	NA	6	NA				
	MATHEMATICS	DSE-1	Point Set Topology	NA	6	NA				
		DSE-2	Probability & Statistics	NA	6	NA				
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	NA	6	NA				SNC
		CC-14	Ring Theory and Linear Algebra II	5	6	30	2024			
	MATHEMATICS	DSE-3	Group Theory II	4	6	24	2024			
		DSE-4	Project Work	9	6	54	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							**Letter Grade in CGPA :**		**Result : PNC**	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amrita Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms			
90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600B+01513

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: SAYANDIP SAMUI **Roll No. 210340900094**

Honours: ZOOLOGY

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	7	6	42	2021	8.00	8.18	Q
		CC-2	Ecology	9	6	54	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	ZOOLOGY	CC-3	Non-chordates II	8	6	48	2022	8.00	8.00	Q
		CC-4	Cell Biology	8	6	48	2022			
	BOTANY	GE-2	Plant Ecology and Taxonomy	8	6	48	2022			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2022			
III	ZOOLOGY	CC-5	Chordates	7	6	42	2022	6.00	6.31	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	6	6	36	2022			
		CC-7	Fundamentals of Biochemistry	5	6	30	2022			
	BOTANY	GE-3	Plant Anatomy and Embryology	7	6	42	2022			
	ZOOLOGY	SEC-1	Sericulture	7	2	14	2022			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	6	6	36	2023	6.33	6.62	Q
		CC-9	Animal Physiology: Life Sustaining Systems	6	6	36	2023			
		CC-10	Immunology	7	6	42	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2023			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	8	2	16	2023			
V	ZOOLOGY	CC-11	Molecular Biology	7	6	42	2023	6.50	6.50	Q
		CC-12	Genetics	7	6	42	2023			
	ZOOLOGY	DSE-1	Animal Biotechnology	6	6	36	2023			
		DSE-2	Parasitology	6	6	36	2023			
VI	ZOOLOGY	CC-13	Developmental Biology	6	6	36	2024	5.75	5.75	Q
		CC-14	Evolutionary Biology	5	6	30	2024			
	ZOOLOGY	DSE-3	Animal Behaviour	6	6	36	2024			
		DSE-4	Endocrinology	6	6	36	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **6.56**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **6.83**

Letter Grade in CGPA : B+

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amrita Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600A+01514

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: SHAMIK SARKAR **Roll No. 210340900096**

Honours: COMPUTER SCIENCE

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	COMPUTER SCIENCE	CC-1	Programming Fundamentals using C/C++	9	6	54	2021	9.00	8.73	Q
		CC-2	Computer System Architecture	9	6	54	2021			
	PHYSICS	GE-1	Mechanics	8	6	48	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	COMPUTER SCIENCE	CC-3	Programming in Java	9	6	54	2022	9.50	9.20	Q
		CC-4	Discrete Structure	10	6	60	2022			
	MATHEMATICS	GE-2	Differential Equations	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2022			
III	COMPUTER SCIENCE	CC-5	Data Structure	7	6	42	2022	7.67	7.00	Q
		CC-6	Operating Systems	9	6	54	2022			
		CC-7	Computer Networks	7	6	42	2022			
	MATHEMATICS	GE-3	Real Analysis	4	6	24	2023			
	COMPUTER SCIENCE	SEC-1	Programming in Python	10	2	20	2022			
IV	COMPUTER SCIENCE	CC-8	Design and Analysis of Algorithms	9	6	54	2023	8.33	7.92	Q
		CC-9	Software Engineering	8	6	48	2023			
		CC-10	Database Management System	8	6	48	2023			
	PHYSICS	GE-4	Waves and Optics	6	6	36	2023			
	COMPUTER SCIENCE	SEC-2	UNIX / Linux Programming	10	2	20	2023			
V	COMPUTER SCIENCE	CC-11	Internet Technologies	7	6	42	2023	7.25	7.25	Q
		CC-12	Theory of Computation	5	6	30	2023			
	COMPUTER SCIENCE	DSE-1	Microprocessors	8	6	48	2023			
		DSE-2	System Programming	9	6	54	2023			
VI	COMPUTER SCIENCE	CC-13	Artificial Intelligence	9	6	54	2024	7.75	7.75	Q
		CC-14	Computer Graphics	8	6	48	2024			
	COMPUTER SCIENCE	DSE-3	Soft Computing	9	6	54	2024			
		DSE-4	Project Work / Dissertation	5	6	30	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **8.06**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **7.92**

Letter Grade in CGPA : A+

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600B+01515

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: SHOUVIK RANJAN PATEL **Roll No. 210340900097**

Honours: BOTANY

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	7	6	42	2021	7.50	7.91	Q
		CC-2	Archegoniatae	8	6	48	2021			
	ENVIRONMENTAL SCIENCE	GE-1	Environment & Society	8	6	48	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	BOTANY	CC-3	Mycology and Phytopathology	7	6	42	2022	7.00	7.60	Q
		CC-4	Morphology and Anatomy of Angiosperms	7	6	42	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2022			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	6	6	36	2022	6.33	6.08	Q
		CC-6	Plant Systematics	7	6	42	2022			
		CC-7	Economic Botany	6	6	36	2022			
	ZOOLOGY	GE-3	Physiology and Biochemistry	5	6	30	2022			
	BOTANY	SEC-1	Agricultural Botany	7	2	14	2022			
IV	BOTANY	CC-8	Palaeobotany & Palynology	6	6	36	2023	5.33	5.15	Q
		CC-9	Biomolecules and Cell Biology	5	6	30	2023			
		CC-10	Molecular Biology	5	6	30	2023			
	ENVIRONMENTAL SCIENCE	GE-4	Green Technology	4	6	24	2023			
	BOTANY	SEC-2	Biofertilizers	7	2	14	2023			
V	BOTANY	CC-11	Plant Physiology	5	6	30	2023	5.75	5.75	Q
		CC-12	Plant Metabolism	5	6	30	2023			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	7	6	42	2023			
		DSE-2	Natural Resource Management	6	6	36	2023			
VI	BOTANY	CC-13	Genetics & Plant Breeding	6	6	36	2024	6.00	6.00	Q
		CC-14	Plant Biotechnology	5	6	30	2024			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	7	6	42	2024			
		DSE-4	Industrial and Environmental Microbiology	6	6	36	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **6.17**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **6.34**

Letter Grade in CGPA : B+

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amidya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600B+01516

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: SHOVAN DEY **Roll No. 210340900098**

Honours: BOTANY

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	7	6	42	2021	7.50	8.18	Q
		CC-2	Archegoniatae	8	6	48	2021			
	ENVIRONMENTAL SCIENCE	GE-1	Environment & Society	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	BOTANY	CC-3	Mycology and Phytopathology	8	6	48	2022	8.50	8.20	Q
		CC-4	Morphology and Anatomy of Angiosperms	9	6	54	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2022			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2022			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	5	6	30	2022	5.67	5.85	Q
		CC-6	Plant Systematics	6	6	36	2022			
		CC-7	Economic Botany	6	6	36	2022			
	ZOOLOGY	GE-3	Physiology and Biochemistry	6	6	36	2022			
	BOTANY	SEC-1	Agricultural Botany	7	2	14	2022			
IV	BOTANY	CC-8	Palaeobotany & Palynology	7	6	42	2023	5.67	6.00	Q
		CC-9	Biomolecules and Cell Biology	5	6	30	2023			
		CC-10	Molecular Biology	5	6	30	2023			
	ENVIRONMENTAL SCIENCE	GE-4	Green Technology	6	6	36	2023			
	BOTANY	SEC-2	Biofertilizers	9	2	18	2023			
V	BOTANY	CC-11	Plant Physiology	6	6	36	2023	6.75	6.75	Q
		CC-12	Plant Metabolism	5	6	30	2023			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	8	6	48	2023			
		DSE-2	Natural Resource Management	8	6	48	2023			
VI	BOTANY	CC-13	Genetics & Plant Breeding	7	6	42	2024	7.00	7.00	Q
		CC-14	Plant Biotechnology	6	6	36	2024			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	8	6	48	2024			
		DSE-4	Industrial and Environmental Microbiology	7	6	42	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **6.72**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **6.92**

Letter Grade in CGPA : B+

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms			
90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600A+01517

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: SHREYA GHOSH **Roll No. 210340900099**

Honours: COMPUTER SCIENCE

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	COMPUTER SCIENCE	CC-1	Programming Fundamentals using C/C++	9	6	54	2021	9.00	9.00	Q
		CC-2	Computer System Architecture	9	6	54	2021			
	PHYSICS	GE-1	Mechanics	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	COMPUTER SCIENCE	CC-3	Programming in Java	9	6	54	2022	9.50	9.10	Q
		CC-4	Discrete Structure	10	6	60	2022			
	MATHEMATICS	GE-2	Differential Equations	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2022			
III	COMPUTER SCIENCE	CC-5	Data Structure	6	6	36	2022	7.00	6.54	Q
		CC-6	Operating Systems	8	6	48	2022			
		CC-7	Computer Networks	7	6	42	2022			
	MATHEMATICS	GE-3	Real Analysis	4	6	24	2022			
	COMPUTER SCIENCE	SEC-1	Programming in Python	10	2	20	2022			
IV	COMPUTER SCIENCE	CC-8	Design and Analysis of Algorithms	9	6	54	2023	8.67	8.38	Q
		CC-9	Software Engineering	8	6	48	2023			
		CC-10	Database Management System	9	6	54	2023			
	PHYSICS	GE-4	Waves and Optics	7	6	42	2023			
	COMPUTER SCIENCE	SEC-2	UNIX / Linux Programming	10	2	20	2023			
V	COMPUTER SCIENCE	CC-11	Internet Technologies	8	6	48	2023	8.25	8.25	Q
		CC-12	Theory of Computation	7	6	42	2023			
	COMPUTER SCIENCE	DSE-1	Microprocessors	9	6	54	2023			
		DSE-2	System Programming	9	6	54	2023			
VI	COMPUTER SCIENCE	CC-13	Artificial Intelligence	9	6	54	2024	7.75	7.75	Q
		CC-14	Computer Graphics	8	6	48	2024			
	COMPUTER SCIENCE	DSE-3	Soft Computing	9	6	54	2024			
		DSE-4	Project Work / Dissertation	5	6	30	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **8.22**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **8.11**

Letter Grade in CGPA : A+

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600A01518

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: SHREYA MALIK **Roll No. 210340900100**

Honours: BOTANY

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	7	6	42	2021	7.00	7.91	Q
		CC-2	Archegoniatae	7	6	42	2021			
	ENVIRONMENTAL SCIENCE	GE-1	Environment & Society	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	BOTANY	CC-3	Mycology and Phytopathology	9	6	54	2022	9.00	8.80	Q
		CC-4	Morphology and Anatomy of Angiosperms	9	6	54	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2022			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	7	6	42	2022	8.00	7.46	Q
		CC-6	Plant Systematics	8	6	48	2022			
		CC-7	Economic Botany	9	6	54	2022			
	ZOOLOGY	GE-3	Physiology and Biochemistry	5	6	30	2022			
	BOTANY	SEC-1	Agricultural Botany	10	2	20	2022			
IV	BOTANY	CC-8	Palaeobotany & Palynology	8	6	48	2023	8.00	7.85	Q
		CC-9	Biomolecules and Cell Biology	8	6	48	2023			
		CC-10	Molecular Biology	8	6	48	2023			
	ENVIRONMENTAL SCIENCE	GE-4	Green Technology	7	6	42	2023			
	BOTANY	SEC-2	Biofertilizers	9	2	18	2023			
V	BOTANY	CC-11	Plant Physiology	7	6	42	2023	7.75	7.75	Q
		CC-12	Plant Metabolism	6	6	36	2023			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	9	6	54	2023			
		DSE-2	Natural Resource Management	9	6	54	2023			
VI	BOTANY	CC-13	Genetics & Plant Breeding	7	6	42	2024	7.75	7.75	Q
		CC-14	Plant Biotechnology	7	6	42	2024			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	9	6	54	2024			
		DSE-4	Industrial and Environmental Microbiology	8	6	48	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **7.89**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **7.89**

Letter Grade in CGPA : A

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amrita Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003602X01519

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: SHUBHANKAR ROY **Roll No. 210340900102**

Honours: COMPUTER SCIENCE

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	COMPUTER SCIENCE	CC-1	Programming Fundamentals using C/C++	9	6	54	2021	8.00	8.36	Q
		CC-2	Computer System Architecture	7	6	42	2021			
	PHYSICS	GE-1	Mechanics	8	6	48	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	10	4	40	2021			
II	COMPUTER SCIENCE	CC-3	Programming in Java	9	6	54	2022	9.50	9.10	Q
		CC-4	Discrete Structure	10	6	60	2022			
	MATHEMATICS	GE-2	Differential Equations	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2022			
III	COMPUTER SCIENCE	CC-5	Data Structure	5	6	30	2022			SNC
		CC-6	Operating Systems	5	6	30	2022			
		CC-7	Computer Networks	5	6	30	2022			
	MATHEMATICS	GE-3	Real Analysis	NA	6	NA				
	COMPUTER SCIENCE	SEC-1	Programming in Python	9	2	18	2022			
IV	COMPUTER SCIENCE	CC-8	Design and Analysis of Algorithms	7	6	42	2023	6.67	6.31	Q
		CC-9	Software Engineering	6	6	36	2023			
		CC-10	Database Management System	7	6	42	2023			
	PHYSICS	GE-4	Waves and Optics	4	6	24	2023			
	COMPUTER SCIENCE	SEC-2	UNIX / Linux Programming	10	2	20	2023			
V	COMPUTER SCIENCE	CC-11	Internet Technologies	5	6	30	2023	6.50	6.50	Q
		CC-12	Theory of Computation	5	6	30	2023			
	COMPUTER SCIENCE	DSE-1	Microprocessors	7	6	42	2023			
		DSE-2	System Programming	9	6	54	2023			
VI	COMPUTER SCIENCE	CC-13	Artificial Intelligence	7	6	42	2024	6.50	6.50	Q
		CC-14	Computer Graphics	7	6	42	2024			
	COMPUTER SCIENCE	DSE-3	Soft Computing	7	6	42	2024			
		DSE-4	Project Work / Dissertation	5	6	30	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :	**Letter Grade in CGPA :**	**Result : PNC**
CGPA (Cumulative Grade Point Average) on the basis of All Courses :		

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amrita Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600B+01520

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: SHUVAM SANTRA **Roll No. 210340900103**

Honours: CHEMISTRY

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	9	6	54	2021	9.00	9.00	Q
		CC-2	Physical Chemistry-I	9	6	54	2021			
	PHYSICS	GE-1	Mechanics	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	8	6	48	2022	8.50	8.80	Q
		CC-4	Organic Chemistry-II	9	6	54	2022			
	MATHEMATICS	GE-2	Differential Equations	9	6	54	2022			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2022			
III	CHEMISTRY	CC-5	Physical Chemistry-II	5	6	30	2022	5.33	5.23	Q
		CC-6	Inorganic Chemistry-II	7	6	42	2022			
		CC-7	Organic Chemistry-III	4	6	24	2022			
	MATHEMATICS	GE-3	Real Analysis	4	6	24	2022			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	8	2	16	2022			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	5	6	30	2023	5.33	5.38	Q
		CC-9	Inorganic Chemistry-III	6	6	36	2023			
		CC-10	Organic Chemistry - IV	5	6	30	2023			
	PHYSICS	GE-4	Waves and Optics	5	6	30	2023			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	7	2	14	2023			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	7	6	42	2023	6.25	6.25	Q
		CC-12	Organic Chemistry-V	6	6	36	2023			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	6	6	36	2023			
		DSE-2	Analytical Methods in Chemistry	6	6	36	2023			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	7	6	42	2024	7.00	7.00	Q
		CC-14	Physical Chemistry-IV	5	6	30	2024			
	CHEMISTRY	DSE-3	Polymer Chemistry	7	6	42	2024			
		DSE-4	Dissertation Followed by Power Point Presentation	9	6	54	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **6.67**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **6.82**

Letter Grade in CGPA : B+

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amidya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms			
90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600A+01521

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: SILPA SADHUKHAN **Roll No. 210340900104**

Honours: COMPUTER SCIENCE

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	COMPUTER SCIENCE	CC-1	Programming Fundamentals using C/C++	9	6	54	2021	8.50	8.82	Q
		CC-2	Computer System Architecture	8	6	48	2021			
	PHYSICS	GE-1	Mechanics	10	6	60	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2021			
II	COMPUTER SCIENCE	CC-3	Programming in Java	9	6	54	2022	9.50	9.40	Q
		CC-4	Discrete Structure	10	6	60	2022			
	MATHEMATICS	GE-2	Differential Equations	10	6	60	2022			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2022			
III	COMPUTER SCIENCE	CC-5	Data Structure	8	6	48	2022	9.00	8.62	Q
		CC-6	Operating Systems	9	6	54	2022			
		CC-7	Computer Networks	10	6	60	2022			
	MATHEMATICS	GE-3	Real Analysis	7	6	42	2022			
	COMPUTER SCIENCE	SEC-1	Programming in Python	10	2	20	2022			
IV	COMPUTER SCIENCE	CC-8	Design and Analysis of Algorithms	10	6	60	2023	9.33	9.08	Q
		CC-9	Software Engineering	8	6	48	2023			
		CC-10	Database Management System	10	6	60	2023			
	PHYSICS	GE-4	Waves and Optics	8	6	48	2023			
	COMPUTER SCIENCE	SEC-2	UNIX / Linux Programming	10	2	20	2023			
V	COMPUTER SCIENCE	CC-11	Internet Technologies	7	6	42	2023	8.50	8.50	Q
		CC-12	Theory of Computation	8	6	48	2023			
	COMPUTER SCIENCE	DSE-1	Microprocessors	9	6	54	2023			
		DSE-2	System Programming	10	6	60	2023			
VI	COMPUTER SCIENCE	CC-13	Artificial Intelligence	9	6	54	2024	8.25	8.25	Q
		CC-14	Computer Graphics	9	6	54	2024			
	COMPUTER SCIENCE	DSE-3	Soft Computing	10	6	60	2024			
		DSE-4	Project Work / Dissertation	5	6	30	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **8.78**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **8.76**

Letter Grade in CGPA : A+

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003602X01522

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: SK MD RUHUL AMIN **Roll No. 210340900105**

Honours: COMPUTER SCIENCE

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	COMPUTER SCIENCE	CC-1	Programming Fundamentals using C/C++	9	6	54	2021	8.50	8.27	Q
		CC-2	Computer System Architecture	8	6	48	2021			
	PHYSICS	GE-1	Mechanics	8	6	48	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2021			
II	COMPUTER SCIENCE	CC-3	Programming in Java	9	6	54	2022	9.50	9.40	Q
		CC-4	Discrete Structure	10	6	60	2022			
	MATHEMATICS	GE-2	Differential Equations	9	6	54	2022			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2022			
III	COMPUTER SCIENCE	CC-5	Data Structure	6	6	36	2022	6.33	6.08	Q
		CC-6	Operating Systems	7	6	42	2022			
		CC-7	Computer Networks	6	6	36	2022			
	MATHEMATICS	GE-3	Real Analysis	4	6	24	2022			
	COMPUTER SCIENCE	SEC-1	Programming in Python	10	2	20	2022			
IV	COMPUTER SCIENCE	CC-8	Design and Analysis of Algorithms	5	6	30	2023			SNC
		CC-9	Software Engineering	5	6	30	2023			
		CC-10	Database Management System	7	6	42	2023			
	PHYSICS	GE-4	Waves and Optics	NC	6	NC				
	COMPUTER SCIENCE	SEC-2	UNIX / Linux Programming	7	2	14	2023			
V	COMPUTER SCIENCE	CC-11	Internet Technologies	7	6	42	2023	6.75	6.75	Q
		CC-12	Theory of Computation	5	6	30	2023			
	COMPUTER SCIENCE	DSE-1	Microprocessors	6	6	36	2023			
		DSE-2	System Programming	9	6	54	2023			
VI	COMPUTER SCIENCE	CC-13	Artificial Intelligence	8	6	48	2024	7.25	7.25	Q
		CC-14	Computer Graphics	8	6	48	2024			
	COMPUTER SCIENCE	DSE-3	Soft Computing	8	6	48	2024			
		DSE-4	Project Work / Dissertation	5	6	30	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :

CGPA (Cumulative Grade Point Average) on the basis of All Courses :

Letter Grade in CGPA :

Result : PNC

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amrita Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003602X01523

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: SK SAHIDUL ISLAM **Roll No. 210340900106**

Honours: MATHEMATICS

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	8	6	48	2021	8.50	8.91	Q
		CC-2	Algebra	9	6	54	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	10	4	40	2021			
II	MATHEMATICS	CC-3	Real Analysis	8	6	48	2022	9.00	8.90	Q
		CC-4	Differential Equations and Vector Calculus	10	6	60	2022			
	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2022			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2023	4.33	5.15	Q
		CC-6	Group Theory I	5	6	30	2023			
		CC-7	Numerical Methods	4	6	24	2022			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	8	6	48	2022			
	MATHEMATICS	SEC-1	Logic and Sets	4	2	8	2022			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	NA	6	NA				SNC
		CC-9	Multivariate Calculus	NA	6	NA				
		CC-10	Ring Theory and Linear Algebra I	4	6	24	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2023			
	MATHEMATICS	SEC-2	Graph Theory	8	2	16	2023			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	4	6	24	2023	5.00	5.00	Q
		CC-12	Mechanics I	4	6	24	2023			
	MATHEMATICS	DSE-1	Point Set Topology	4	6	24	2023			
		DSE-2	Probability & Statistics	8	6	48	2023			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	4	6	24	2024	5.50	5.50	Q
		CC-14	Ring Theory and Linear Algebra II	4	6	24	2024			
	MATHEMATICS	DSE-3	Group Theory II	5	6	30	2024			
		DSE-4	Project Work	9	6	54	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :	**Letter Grade in CGPA :**	**Result : PNC**
CGPA (Cumulative Grade Point Average) on the basis of All Courses :		

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003612X01524 B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: SK SAINUL ISLAM **Roll No. 210340900107**

Honours: MATHEMATICS

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	8	6	48	2021	7.50	8.36	Q
		CC-2	Algebra	7	6	42	2021			
	COMPUTER SCIENCE	GE-1	Problem Solving using Computer	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	10	4	40	2021			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2022	8.50	8.60	Q
		CC-4	Differential Equations and Vector Calculus	8	6	48	2022			
	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2022			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	NA	6	NA				SNC
		CC-6	Group Theory I	NA	6	NA				
		CC-7	Numerical Methods	5	6	30	2023			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2022			
	MATHEMATICS	SEC-1	Logic and Sets	5	2	10	2023			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	NA	6	NA				SNC
		CC-9	Multivariate Calculus	NA	6	NA				
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2023			
	COMPUTER SCIENCE	GE-4	Computer System Architecture	7	6	42	2023			
	MATHEMATICS	SEC-2	Graph Theory	7	2	14	2023			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	NA	6	NA				SNC
		CC-12	Mechanics I	NA	6	NA				
	MATHEMATICS	DSE-1	Point Set Topology	NA	6	NA				
		DSE-2	Probability & Statistics	4	6	24	2023			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	4	6	24	2024			SNC
		CC-14	Ring Theory and Linear Algebra II	NA	6	NA				
	MATHEMATICS	DSE-3	Group Theory II	5	6	30	2024			
		DSE-4	Project Work	7	6	42	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							**Letter Grade in CGPA :**		**Result : PNC**	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms				Percentage Conversion Formula:
90% to 100%	10	80% and above but below 90%	9	= (SGPA or CGPA×10) - 5.0
70% and above but below 80%	8	60% and above but below 70%	7	*Letter Grade in CGPA is awarded on the basis of CCs and DSEs
50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	

Serial No. 24003600A01525 B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: SOHAM CHAKRABORTY **Roll No. 210340900109**

Honours: MATHEMATICS

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	9	6	54	2021	9.00	9.00	Q
		CC-2	Algebra	9	6	54	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2022	8.50	8.30	Q
		CC-4	Differential Equations and Vector Calculus	8	6	48	2022			
	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2022			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2022			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2022	5.33	5.92	Q
		CC-6	Group Theory I	4	6	24	2022			
		CC-7	Numerical Methods	6	6	36	2022			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	8	6	48	2022			
	MATHEMATICS	SEC-1	Logic and Sets	5	2	10	2022			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	7	6	42	2023	6.33	6.92	Q
		CC-9	Multivariate Calculus	7	6	42	2023			
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2023			
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2023			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2023	5.75	5.75	Q
		CC-12	Mechanics I	5	6	30	2023			
	MATHEMATICS	DSE-1	Point Set Topology	5	6	30	2023			
		DSE-2	Probability & Statistics	5	6	30	2023			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2024	8.50	8.50	Q
		CC-14	Ring Theory and Linear Algebra II	8	6	48	2024			
	MATHEMATICS	DSE-3	Group Theory II	8	6	48	2024			
		DSE-4	Project Work	9	6	54	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **7.06**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **7.32**

Letter Grade in CGPA : A **Result : Q**

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600B+01526

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: SOMNATH CHOWDHURY **Roll No. 210340900110**

Honours: PHYSICS

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSICS	CC-1	Mathematical Physics-I	9	6	54	2021	9.00	8.82	Q
		CC-2	Mechanics	9	6	54	2021			
	COMPUTER SCIENCE	GE-1	Problem Solving using Computer	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2021			
II	PHYSICS	CC-3	Electricity and Magnetism	8	6	48	2022	8.50	8.50	Q
		CC-4	Waves and Optics	9	6	54	2022			
	MATHEMATICS	GE-2	Differential Equations	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2022			
III	PHYSICS	CC-5	Mathematical Physics-II	5	6	30	2022	5.67	5.54	Q
		CC-6	Thermal Physics	5	6	30	2022			
		CC-7	Digital Systems and Applications	7	6	42	2022			
	MATHEMATICS	GE-3	Real Analysis	4	6	24	2022			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	9	2	18	2022			
IV	PHYSICS	CC-8	Mathematical Physics-III	5	6	30	2023	5.00	5.54	Q
		CC-9	Elements of Modern Physics	5	6	30	2023			
		CC-10	Analog Systems & Applications	5	6	30	2023			
	COMPUTER SCIENCE	GE-4	Computer System Architecture	7	6	42	2023			
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	6	2	12	2023			
V	PHYSICS	CC-11	Quantum Mechanics and Applications	5	6	30	2023	5.50	5.50	Q
		CC-12	Solid State Physics	6	6	36	2023			
	PHYSICS	DSE-1	Advanced Mathematical Physics	7	6	42	2023			
		DSE-2	Classical Dynamics	4	6	24	2023			
VI	PHYSICS	CC-13	Electromagnetic Theory	6	6	36	2024	6.25	6.25	Q
		CC-14	Statistical Mechanics	7	6	42	2024			
	PHYSICS	DSE-3	Nuclear and Particle Physics	5	6	30	2024			
		DSE-4	Astronomy and Astrophysics	7	6	42	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **6.33**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **6.58**

Letter Grade in CGPA : B+

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amidya Bodi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms			
90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600A01527

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: SOUMEN MAJI **Roll No. 210340900111**

Honours: ENVIRONMENTAL SCIENCE

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ENVIRONMENTAL SCIENCE	CC-1	Fundamentals of Environment	9	6	54	2021	9.00	8.73	Q
		CC-2	Environmental Biology	9	6	54	2021			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	8	6	48	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	ENVIRONMENTAL SCIENCE	CC-3	Environmental Chemistry	10	6	60	2022	9.50	9.10	Q
		CC-4	Environmental Physics	9	6	54	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2022			
III	ENVIRONMENTAL SCIENCE	CC-5	Earth Science	6	6	36	2022	6.33	5.92	Q
		CC-6	Environmental Resources	6	6	36	2022			
		CC-7	Green Chemistry & Environmental Applications	7	6	42	2022			
	ZOOLOGY	GE-3	Physiology and Biochemistry	5	6	30	2022			
	ENVIRONMENTAL SCIENCE	SEC-1	Remote Sensing & Geographical Information System (GIS)	5	2	10	2022			
IV	ENVIRONMENTAL SCIENCE	CC-8	Ecotoxicology & Environmental Biotechnology	7	6	42	2023	7.00	7.00	Q
		CC-9	Environmental Laws, Policies & Environmental Impact Assessment	7	6	42	2023			
		CC-10	Natural Hazards & Management & Waste Management	7	6	42	2023			
	BOTANY	GE-4	Plant Physiology and Metabolism	7	6	42	2023			
	ENVIRONMENTAL SCIENCE	SEC-2	Conservation & Ecotourism	7	2	14	2023			
V	ENVIRONMENTAL SCIENCE	CC-11	Environmental Pollution	7	6	42	2023	6.00	6.00	Q
		CC-12	Environmental Engineering & Statistics	5	6	30	2023			
	ENVIRONMENTAL SCIENCE	DSE-1	Environmental Pollution & Monitoring Techniques	5	6	30	2023			
		DSE-2	Environmental Health & Stress Physiology	7	6	42	2023			
VI	ENVIRONMENTAL SCIENCE	CC-13	Environmental Economics & Management	6	6	36	2024	7.50	7.50	Q
		CC-14	Wildlife Management & Conservation	8	6	48	2024			
	ENVIRONMENTAL SCIENCE	DSE-3	Atmosphere & Global Climate Change	8	6	48	2024			
		DSE-4	Solid Waste Management	8	6	48	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **7.28**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **7.28**

Letter Grade in CGPA : A

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amitya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms			
90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: SOUMYA MANNA **Roll No. 210340900112**

Honours: MATHEMATICS

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	9	6	54	2021	9.00	9.00	Q
		CC-2	Algebra	9	6	54	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	MATHEMATICS	CC-3	Real Analysis	10	6	60	2022	10.00	9.20	Q
		CC-4	Differential Equations and Vector Calculus	10	6	60	2022			
	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2022			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2022			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	10	6	60	2022	8.33	8.38	Q
		CC-6	Group Theory I	7	6	42	2022			
		CC-7	Numerical Methods	8	6	48	2022			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	9	6	54	2022			
	MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2022			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	10	6	60	2023	8.67	8.85	Q
		CC-9	Multivariate Calculus	9	6	54	2023			
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2023			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2023			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2023	9.00	9.00	Q
		CC-12	Mechanics I	8	6	48	2023			
	MATHEMATICS	DSE-1	Point Set Topology	10	6	60	2023			
		DSE-2	Probability & Statistics	10	6	60	2023			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2024	9.75	9.75	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2024			
	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2024			
		DSE-4	Project Work	10	6	60	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **9.11**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **9.01**

Letter Grade in CGPA : O **Result : Q**

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003602X01529

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: SOUMYAJIT ROUTH **Roll No. 210340900113**

Honours: COMPUTER SCIENCE

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	COMPUTER SCIENCE	CC-1	Programming Fundamentals using C/C++	9	6	54	2021	9.00	9.00	Q
		CC-2	Computer System Architecture	9	6	54	2021			
	PHYSICS	GE-1	Mechanics	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	COMPUTER SCIENCE	CC-3	Programming in Java	9	6	54	2022	9.50	9.40	Q
		CC-4	Discrete Structure	10	6	60	2022			
	MATHEMATICS	GE-2	Differential Equations	9	6	54	2022			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2022			
III	COMPUTER SCIENCE	CC-5	Data Structure	6	6	36	2022			SNC
		CC-6	Operating Systems	8	6	48	2022			
		CC-7	Computer Networks	6	6	36	2022			
	MATHEMATICS	GE-3	Real Analysis	NA	6	NA				
	COMPUTER SCIENCE	SEC-1	Programming in Python	10	2	20	2022			
IV	COMPUTER SCIENCE	CC-8	Design and Analysis of Algorithms	9	6	54	2023	8.33	8.15	Q
		CC-9	Software Engineering	7	6	42	2023			
		CC-10	Database Management System	9	6	54	2023			
	PHYSICS	GE-4	Waves and Optics	7	6	42	2023			
	COMPUTER SCIENCE	SEC-2	UNIX / Linux Programming	10	2	20	2023			
V	COMPUTER SCIENCE	CC-11	Internet Technologies	7	6	42	2023	6.75	6.75	Q
		CC-12	Theory of Computation	5	6	30	2023			
	COMPUTER SCIENCE	DSE-1	Microprocessors	6	6	36	2023			
		DSE-2	System Programming	9	6	54	2023			
VI	COMPUTER SCIENCE	CC-13	Artificial Intelligence	9	6	54	2024	8.00	8.00	Q
		CC-14	Computer Graphics	9	6	54	2024			
	COMPUTER SCIENCE	DSE-3	Soft Computing	9	6	54	2024			
		DSE-4	Project Work / Dissertation	5	6	30	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :	**Letter Grade in CGPA :**	**Result : PNC**
CGPA (Cumulative Grade Point Average) on the basis of All Courses :		

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amitava Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003602X01530

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: SOURAV MANDAL **Roll No. 210340900115**

Honours: MATHEMATICS

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	9	6	54	2021	9.00	9.00	Q
		CC-2	Algebra	9	6	54	2021			
	COMPUTER SCIENCE	GE-1	Problem Solving using Computer	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2022	9.50	9.20	Q
		CC-4	Differential Equations and Vector Calculus	10	6	60	2022			
	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2022			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2022	4.67	5.31	Q
		CC-6	Group Theory I	4	6	24	2022			
		CC-7	Numerical Methods	5	6	30	2022			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2022			
	MATHEMATICS	SEC-1	Logic and Sets	6	2	12	2022			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	4	6	24	2023	4.33	5.46	Q
		CC-9	Multivariate Calculus	4	6	24	2023			
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2023			
	COMPUTER SCIENCE	GE-4	Computer System Architecture	8	6	48	2023			
	MATHEMATICS	SEC-2	Graph Theory	8	2	16	2023			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2023			SNC
		CC-12	Mechanics I	NA	6	NA				
	MATHEMATICS	DSE-1	Point Set Topology	5	6	30	2023			
		DSE-2	Probability & Statistics	6	6	36	2023			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	4	6	24	2024	6.50	6.50	Q
		CC-14	Ring Theory and Linear Algebra II	7	6	42	2024			
	MATHEMATICS	DSE-3	Group Theory II	6	6	36	2024			
		DSE-4	Project Work	9	6	54	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :								**Letter Grade in CGPA :**		**Result : PNC**
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amrita Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms				Percentage Conversion Formula:
90% to 100%	10	80% and above but below 90%	9	= (SGPA or CGPA×10) - 5.0
70% and above but below 80%	8	60% and above but below 70%	7	*Letter Grade in CGPA is awarded on the basis of CCs and DSEs
50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	

Serial No. 24003600B+01531

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: SOURAV MUDI **Roll No. 210340900116**

Honours: BOTANY

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	6	6	36	2021	6.50	7.64	Q
		CC-2	Archegoniatae	7	6	42	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	BOTANY	CC-3	Mycology and Phytopathology	8	6	48	2022	8.00	8.20	Q
		CC-4	Morphology and Anatomy of Angiosperms	8	6	48	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2022			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	4	6	24	2022	5.67	5.69	Q
		CC-6	Plant Systematics	6	6	36	2022			
		CC-7	Economic Botany	7	6	42	2022			
	ZOOLOGY	GE-3	Physiology and Biochemistry	5	6	30	2022			
	BOTANY	SEC-1	Agricultural Botany	8	2	16	2022			
IV	BOTANY	CC-8	Palaeobotany & Palynology	7	6	42	2023	6.67	6.92	Q
		CC-9	Biomolecules and Cell Biology	6	6	36	2023			
		CC-10	Molecular Biology	7	6	42	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2023			
	BOTANY	SEC-2	Biofertilizers	9	2	18	2023			
V	BOTANY	CC-11	Plant Physiology	7	6	42	2023	7.25	7.25	Q
		CC-12	Plant Metabolism	5	6	30	2023			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	8	6	48	2023			
		DSE-2	Natural Resource Management	9	6	54	2023			
VI	BOTANY	CC-13	Genetics & Plant Breeding	7	6	42	2024	7.00	7.00	Q
		CC-14	Plant Biotechnology	6	6	36	2024			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	8	6	48	2024			
		DSE-4	Industrial and Environmental Microbiology	7	6	42	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **6.83**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **7.06**

Letter Grade in CGPA : B+

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600B+01532

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: SOURAV SANTRA **Roll No. 210340900117**

Honours: ENVIRONMENTAL SCIENCE

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ENVIRONMENTAL SCIENCE	CC-1	Fundamentals of Environment	9	6	54	2021	9.00	8.64	Q
		CC-2	Environmental Biology	9	6	54	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	10	4	40	2021			
II	ENVIRONMENTAL SCIENCE	CC-3	Environmental Chemistry	9	6	54	2022	9.00	8.80	Q
		CC-4	Environmental Physics	9	6	54	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2022			
III	ENVIRONMENTAL SCIENCE	CC-5	Earth Science	4	6	24	2022	4.00	4.15	Q
		CC-6	Environmental Resources	4	6	24	2022			
		CC-7	Green Chemistry & Environmental Applications	4	6	24	2022			
	ZOOLOGY	GE-3	Physiology and Biochemistry	4	6	24	2023			
	ENVIRONMENTAL SCIENCE	SEC-1	Remote Sensing & Geographical Information System (GIS)	6	2	12	2023			
IV	ENVIRONMENTAL SCIENCE	CC-8	Ecotoxicology & Environmental Biotechnology	5	6	30	2023	5.33	6.00	Q
		CC-9	Environmental Laws, Policies & Environmental Impact Assessment	5	6	30	2023			
		CC-10	Natural Hazards & Management & Waste Management	6	6	36	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2023			
	ENVIRONMENTAL SCIENCE	SEC-2	Conservation & Ecotourism	6	2	12	2023			
V	ENVIRONMENTAL SCIENCE	CC-11	Environmental Pollution	6	6	36	2023	5.25	5.25	Q
		CC-12	Environmental Engineering & Statistics	4	6	24	2023			
	ENVIRONMENTAL SCIENCE	DSE-1	Environmental Pollution & Monitoring Techniques	5	6	30	2023			
		DSE-2	Environmental Health & Stress Physiology	6	6	36	2023			
VI	ENVIRONMENTAL SCIENCE	CC-13	Environmental Economics & Management	5	6	30	2024	6.50	6.50	Q
		CC-14	Wildlife Management & Conservation	7	6	42	2024			
	ENVIRONMENTAL SCIENCE	DSE-3	Atmosphere & Global Climate Change	7	6	42	2024			
		DSE-4	Solid Waste Management	7	6	42	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **6.17**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **6.42**

Letter Grade in CGPA : B+

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms				Percentage Conversion Formula:
90% to 100%	10	80% and above but below 90%	9	= (SGPA or CGPA×10) - 5.0
70% and above but below 80%	8	60% and above but below 70%	7	*Letter Grade in CGPA is awarded on the basis of CCs and DSEs
50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	

Serial No. 24003600A+01533

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: SOUVIK NANDI **Roll No. 210340900118**

Honours: PHYSICS

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSICS	CC-1	Mathematical Physics-I	10	6	60	2021	9.50	9.09	Q
		CC-2	Mechanics	9	6	54	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2021			
II	PHYSICS	CC-3	Electricity and Magnetism	9	6	54	2022	9.50	9.10	Q
		CC-4	Waves and Optics	10	6	60	2022			
	MATHEMATICS	GE-2	Differential Equations	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2022			
III	PHYSICS	CC-5	Mathematical Physics-II	7	6	42	2022	7.33	7.46	Q
		CC-6	Thermal Physics	7	6	42	2022			
		CC-7	Digital Systems and Applications	8	6	48	2022			
	MATHEMATICS	GE-3	Real Analysis	7	6	42	2022			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	10	2	20	2022			
IV	PHYSICS	CC-8	Mathematical Physics-III	9	6	54	2023	8.00	7.69	Q
		CC-9	Elements of Modern Physics	8	6	48	2023			
		CC-10	Analog Systems & Applications	7	6	42	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2023			
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	7	2	14	2023			
V	PHYSICS	CC-11	Quantum Mechanics and Applications	5	6	30	2023	7.25	7.25	Q
		CC-12	Solid State Physics	7	6	42	2023			
	PHYSICS	DSE-1	Advanced Mathematical Physics	10	6	60	2023			
		DSE-2	Classical Dynamics	7	6	42	2023			
VI	PHYSICS	CC-13	Electromagnetic Theory	8	6	48	2024	8.50	8.50	Q
		CC-14	Statistical Mechanics	8	6	48	2024			
	PHYSICS	DSE-3	Nuclear and Particle Physics	8	6	48	2024			
		DSE-4	Astronomy and Astrophysics	10	6	60	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **8.17**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **8.13**

Letter Grade in CGPA : A+

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600A01534

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: SOUVIK SUTRADHAR **Roll No. 210340900119**

Honours: ZOOLOGY

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	9	6	54	2021	9.00	9.00	Q
		CC-2	Ecology	9	6	54	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	ZOOLOGY	CC-3	Non-chordates II	8	6	48	2022	8.00	7.90	Q
		CC-4	Cell Biology	8	6	48	2022			
	BOTANY	GE-2	Plant Ecology and Taxonomy	8	6	48	2022			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2022			
III	ZOOLOGY	CC-5	Chordates	7	6	42	2022	7.33	7.85	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	9	6	54	2022			
		CC-7	Fundamentals of Biochemistry	6	6	36	2022			
	BOTANY	GE-3	Plant Anatomy and Embryology	9	6	54	2022			
	ZOOLOGY	SEC-1	Sericulture	9	2	18	2022			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	8	6	48	2023	7.33	7.54	Q
		CC-9	Animal Physiology: Life Sustaining Systems	7	6	42	2023			
		CC-10	Immunology	7	6	42	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2023			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	8	2	16	2023			
V	ZOOLOGY	CC-11	Molecular Biology	7	6	42	2023	7.00	7.00	Q
		CC-12	Genetics	7	6	42	2023			
	ZOOLOGY	DSE-1	Animal Biotechnology	7	6	42	2023			
		DSE-2	Parasitology	7	6	42	2023			
VI	ZOOLOGY	CC-13	Developmental Biology	6	6	36	2024	6.00	6.00	Q
		CC-14	Evolutionary Biology	5	6	30	2024			
	ZOOLOGY	DSE-3	Animal Behaviour	6	6	36	2024			
		DSE-4	Endocrinology	7	6	42	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **7.22**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **7.52**

Letter Grade in CGPA : A

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amrita Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003602X01535

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: SRIJAN ROY **Roll No. 210340900120**

Honours: CHEMISTRY

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	8	6	48	2021	8.50	8.45	Q
		CC-2	Physical Chemistry-I	9	6	54	2021			
	PHYSICS	GE-1	Mechanics	8	6	48	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	9	6	54	2022	9.00	8.90	Q
		CC-4	Organic Chemistry-II	9	6	54	2022			
	MATHEMATICS	GE-2	Differential Equations	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2022			
III	CHEMISTRY	CC-5	Physical Chemistry-II	4	6	24	2022			SNC
		CC-6	Inorganic Chemistry-II	5	6	30	2022			
		CC-7	Organic Chemistry-III	4	6	24	2022			
	MATHEMATICS	GE-3	Real Analysis	NA	6	NA				
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	6	2	12	2022			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	5	6	30	2023	5.33	5.54	Q
		CC-9	Inorganic Chemistry-III	6	6	36	2023			
		CC-10	Organic Chemistry - IV	5	6	30	2023			
	PHYSICS	GE-4	Waves and Optics	6	6	36	2023			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	6	2	12	2023			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	6	6	36	2023	5.75	5.75	Q
		CC-12	Organic Chemistry-V	6	6	36	2023			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	5	6	30	2023			
		DSE-2	Analytical Methods in Chemistry	6	6	36	2023			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	6	6	36	2024	6.75	6.75	Q
		CC-14	Physical Chemistry-IV	5	6	30	2024			
	CHEMISTRY	DSE-3	Polymer Chemistry	7	6	42	2024			
		DSE-4	Dissertation Followed by Power Point Presentation	9	6	54	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :	**Letter Grade in CGPA :**	**Result : PNC**
CGPA (Cumulative Grade Point Average) on the basis of All Courses :		

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amrita Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600A01536

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: SUBHADEEP GHOSH **Roll No. 210340900121**

Honours: COMPUTER SCIENCE

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	COMPUTER SCIENCE	CC-1	Programming Fundamentals using C/C++	9	6	54	2021	8.50	8.73	Q
		CC-2	Computer System Architecture	8	6	48	2021			
	PHYSICS	GE-1	Mechanics	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	COMPUTER SCIENCE	CC-3	Programming in Java	9	6	54	2022	9.50	9.20	Q
		CC-4	Discrete Structure	10	6	60	2022			
	MATHEMATICS	GE-2	Differential Equations	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2022			
III	COMPUTER SCIENCE	CC-5	Data Structure	6	6	36	2022	7.00	6.54	Q
		CC-6	Operating Systems	8	6	48	2022			
		CC-7	Computer Networks	7	6	42	2022			
	MATHEMATICS	GE-3	Real Analysis	4	6	24	2022			
	COMPUTER SCIENCE	SEC-1	Programming in Python	10	2	20	2022			
IV	COMPUTER SCIENCE	CC-8	Design and Analysis of Algorithms	8	6	48	2023	7.67	7.46	Q
		CC-9	Software Engineering	7	6	42	2023			
		CC-10	Database Management System	8	6	48	2023			
	PHYSICS	GE-4	Waves and Optics	6	6	36	2023			
	COMPUTER SCIENCE	SEC-2	UNIX / Linux Programming	10	2	20	2023			
V	COMPUTER SCIENCE	CC-11	Internet Technologies	7	6	42	2023	6.75	6.75	Q
		CC-12	Theory of Computation	6	6	36	2023			
	COMPUTER SCIENCE	DSE-1	Microprocessors	6	6	36	2023			
		DSE-2	System Programming	8	6	48	2023			
VI	COMPUTER SCIENCE	CC-13	Artificial Intelligence	9	6	54	2024	7.75	7.75	Q
		CC-14	Computer Graphics	8	6	48	2024			
	COMPUTER SCIENCE	DSE-3	Soft Computing	9	6	54	2024			
		DSE-4	Project Work / Dissertation	5	6	30	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **7.67**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **7.66**

Letter Grade in CGPA : A

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600O01537

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: SUBHADIP DUTTA **Roll No. 210340900122**

Honours: COMPUTER SCIENCE

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	COMPUTER SCIENCE	CC-1	Programming Fundamentals using C/C++	10	6	60	2021	10.00	9.82	Q
		CC-2	Computer System Architecture	10	6	60	2021			
	PHYSICS	GE-1	Mechanics	10	6	60	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	COMPUTER SCIENCE	CC-3	Programming in Java	10	6	60	2022	10.00	9.40	Q
		CC-4	Discrete Structure	10	6	60	2022			
	MATHEMATICS	GE-2	Differential Equations	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2022			
III	COMPUTER SCIENCE	CC-5	Data Structure	8	6	48	2022	8.67	8.62	Q
		CC-6	Operating Systems	9	6	54	2022			
		CC-7	Computer Networks	9	6	54	2022			
	MATHEMATICS	GE-3	Real Analysis	8	6	48	2022			
	COMPUTER SCIENCE	SEC-1	Programming in Python	10	2	20	2022			
IV	COMPUTER SCIENCE	CC-8	Design and Analysis of Algorithms	10	6	60	2023	9.33	9.31	Q
		CC-9	Software Engineering	9	6	54	2023			
		CC-10	Database Management System	9	6	54	2023			
	PHYSICS	GE-4	Waves and Optics	9	6	54	2023			
	COMPUTER SCIENCE	SEC-2	UNIX / Linux Programming	10	2	20	2023			
V	COMPUTER SCIENCE	CC-11	Internet Technologies	9	6	54	2023	9.00	9.00	Q
		CC-12	Theory of Computation	8	6	48	2023			
	COMPUTER SCIENCE	DSE-1	Microprocessors	9	6	54	2023			
		DSE-2	System Programming	10	6	60	2023			
VI	COMPUTER SCIENCE	CC-13	Artificial Intelligence	10	6	60	2024	8.50	8.50	Q
		CC-14	Computer Graphics	9	6	54	2024			
	COMPUTER SCIENCE	DSE-3	Soft Computing	10	6	60	2024			
		DSE-4	Project Work / Dissertation	5	6	30	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **9.11**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **9.08**

Letter Grade in CGPA : O

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms				Percentage Conversion Formula:
90% to 100%	10	80% and above but below 90%	9	= (SGPA or CGPA×10) - 5.0
70% and above but below 80%	8	60% and above but below 70%	7	*Letter Grade in CGPA is awarded on the basis of CCs and DSEs
50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	

Serial No. 24003600A01538

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: SUBHAJIT BHATTACHARYYA **Roll No. 210340900124**

Honours: ENVIRONMENTAL SCIENCE

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ENVIRONMENTAL SCIENCE	CC-1	Fundamentals of Environment	10	6	60	2021	9.00	9.00	Q
		CC-2	Environmental Biology	8	6	48	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	ENVIRONMENTAL SCIENCE	CC-3	Environmental Chemistry	10	6	60	2022	10.00	9.50	Q
		CC-4	Environmental Physics	10	6	60	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2022			
III	ENVIRONMENTAL SCIENCE	CC-5	Earth Science	6	6	36	2022	6.33	5.92	Q
		CC-6	Environmental Resources	7	6	42	2022			
		CC-7	Green Chemistry & Environmental Applications	6	6	36	2022			
	ZOOLOGY	GE-3	Physiology and Biochemistry	5	6	30	2022			
	ENVIRONMENTAL SCIENCE	SEC-1	Remote Sensing & Geographical Information System (GIS)	5	2	10	2022			
IV	ENVIRONMENTAL SCIENCE	CC-8	Ecotoxicology & Environmental Biotechnology	6	6	36	2023	6.00	6.23	Q
		CC-9	Environmental Laws, Policies & Environmental Impact Assessment	6	6	36	2023			
		CC-10	Natural Hazards & Management & Waste Management	6	6	36	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2023			
	ENVIRONMENTAL SCIENCE	SEC-2	Conservation & Ecotourism	6	2	12	2023			
V	ENVIRONMENTAL SCIENCE	CC-11	Environmental Pollution	9	6	54	2023	6.75	6.75	Q
		CC-12	Environmental Engineering & Statistics	5	6	30	2023			
	ENVIRONMENTAL SCIENCE	DSE-1	Environmental Pollution & Monitoring Techniques	5	6	30	2023			
		DSE-2	Environmental Health & Stress Physiology	8	6	48	2023			
VI	ENVIRONMENTAL SCIENCE	CC-13	Environmental Economics & Management	4	6	24	2024	6.75	6.75	Q
		CC-14	Wildlife Management & Conservation	8	6	48	2024			
	ENVIRONMENTAL SCIENCE	DSE-3	Atmosphere & Global Climate Change	8	6	48	2024			
		DSE-4	Solid Waste Management	7	6	42	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **7.17**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **7.24**

Letter Grade in CGPA : A

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms				Percentage Conversion Formula:
90% to 100%	10	80% and above but below 90%	9	= (SGPA or CGPA×10) - 5.0
70% and above but below 80%	8	60% and above but below 70%	7	*Letter Grade in CGPA is awarded on the basis of CCs and DSEs
50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	

Serial No. 24003600B+01539

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: SUBHAJIT SAMANTA **Roll No. 210340900125**

Honours: MATHEMATICS

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	8	6	48	2021	9.00	9.00	Q
		CC-2	Algebra	10	6	60	2021			
	COMPUTER SCIENCE	GE-1	Problem Solving using Computer	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2022	9.50	9.10	Q
		CC-4	Differential Equations and Vector Calculus	10	6	60	2022			
	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2022			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2022	5.00	5.46	Q
		CC-6	Group Theory I	4	6	24	2022			
		CC-7	Numerical Methods	7	6	42	2022			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2022			
	MATHEMATICS	SEC-1	Logic and Sets	5	2	10	2022			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	5	6	30	2023	5.67	6.31	Q
		CC-9	Multivariate Calculus	6	6	36	2023			
		CC-10	Ring Theory and Linear Algebra I	6	6	36	2023			
	COMPUTER SCIENCE	GE-4	Computer System Architecture	8	6	48	2023			
	MATHEMATICS	SEC-2	Graph Theory	7	2	14	2023			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	5	6	30	2023	5.25	5.25	Q
		CC-12	Mechanics I	4	6	24	2023			
	MATHEMATICS	DSE-1	Point Set Topology	5	6	30	2023			
		DSE-2	Probability & Statistics	7	6	42	2023			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	5	6	30	2024	7.25	7.25	Q
		CC-14	Ring Theory and Linear Algebra II	8	6	48	2024			
	MATHEMATICS	DSE-3	Group Theory II	7	6	42	2024			
		DSE-4	Project Work	9	6	54	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **6.61**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **6.94**

Letter Grade in CGPA : B+

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amrita Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003602X01540

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: SUBHRA DEY **Roll No. 210340900126**

Honours: COMPUTER SCIENCE

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	COMPUTER SCIENCE	CC-1	Programming Fundamentals using C/C++	9	6	54	2021	8.50	8.18	Q
		CC-2	Computer System Architecture	8	6	48	2021			
	PHYSICS	GE-1	Mechanics	7	6	42	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	COMPUTER SCIENCE	CC-3	Programming in Java	9	6	54	2022	9.50	9.10	Q
		CC-4	Discrete Structure	10	6	60	2022			
	MATHEMATICS	GE-2	Differential Equations	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2022			
III	COMPUTER SCIENCE	CC-5	Data Structure	5	6	30	2022			SNC
		CC-6	Operating Systems	5	6	30	2022			
		CC-7	Computer Networks	6	6	36	2022			
	MATHEMATICS	GE-3	Real Analysis	NA	6	NA				
	COMPUTER SCIENCE	SEC-1	Programming in Python	9	2	18	2022			
IV	COMPUTER SCIENCE	CC-8	Design and Analysis of Algorithms	7	6	42	2023	6.67	6.46	Q
		CC-9	Software Engineering	6	6	36	2023			
		CC-10	Database Management System	7	6	42	2023			
	PHYSICS	GE-4	Waves and Optics	5	6	30	2023			
	COMPUTER SCIENCE	SEC-2	UNIX / Linux Programming	9	2	18	2023			
V	COMPUTER SCIENCE	CC-11	Internet Technologies	6	6	36	2023	5.25	5.25	Q
		CC-12	Theory of Computation	4	6	24	2023			
	COMPUTER SCIENCE	DSE-1	Microprocessors	5	6	30	2023			
		DSE-2	System Programming	6	6	36	2023			
VI	COMPUTER SCIENCE	CC-13	Artificial Intelligence	6	6	36	2024	6.00	6.00	Q
		CC-14	Computer Graphics	7	6	42	2024			
	COMPUTER SCIENCE	DSE-3	Soft Computing	6	6	36	2024			
		DSE-4	Project Work / Dissertation	5	6	30	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :	**Letter Grade in CGPA :**	**Result : PNC**
CGPA (Cumulative Grade Point Average) on the basis of All Courses :		

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amrita Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600A+01541

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: SUBRATA ROY **Roll No. 210340900127**

Honours: COMPUTER SCIENCE

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	COMPUTER SCIENCE	CC-1	Programming Fundamentals using C/C++	10	6	60	2021	9.50	9.27	Q
		CC-2	Computer System Architecture	9	6	54	2021			
	PHYSICS	GE-1	Mechanics	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	COMPUTER SCIENCE	CC-3	Programming in Java	9	6	54	2022	9.50	9.40	Q
		CC-4	Discrete Structure	10	6	60	2022			
	MATHEMATICS	GE-2	Differential Equations	9	6	54	2022			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2022			
III	COMPUTER SCIENCE	CC-5	Data Structure	7	6	42	2022	7.00	6.54	Q
		CC-6	Operating Systems	8	6	48	2022			
		CC-7	Computer Networks	6	6	36	2022			
	MATHEMATICS	GE-3	Real Analysis	4	6	24	2022			
	COMPUTER SCIENCE	SEC-1	Programming in Python	10	2	20	2022			
IV	COMPUTER SCIENCE	CC-8	Design and Analysis of Algorithms	9	6	54	2023	8.67	8.38	Q
		CC-9	Software Engineering	9	6	54	2023			
		CC-10	Database Management System	8	6	48	2023			
	PHYSICS	GE-4	Waves and Optics	7	6	42	2023			
	COMPUTER SCIENCE	SEC-2	UNIX / Linux Programming	10	2	20	2023			
V	COMPUTER SCIENCE	CC-11	Internet Technologies	8	6	48	2023	8.25	8.25	Q
		CC-12	Theory of Computation	7	6	42	2023			
	COMPUTER SCIENCE	DSE-1	Microprocessors	8	6	48	2023			
		DSE-2	System Programming	10	6	60	2023			
VI	COMPUTER SCIENCE	CC-13	Artificial Intelligence	9	6	54	2024	8.00	8.00	Q
		CC-14	Computer Graphics	9	6	54	2024			
	COMPUTER SCIENCE	DSE-3	Soft Computing	9	6	54	2024			
		DSE-4	Project Work / Dissertation	5	6	30	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **8.33**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **8.24**

Letter Grade in CGPA : A+

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003602X01542

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: SUMAN RUIDAS **Roll No. 210340900128**

Honours: MATHEMATICS

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	8	6	48	2021	8.50	8.73	Q
		CC-2	Algebra	9	6	54	2021			
	COMPUTER SCIENCE	GE-1	Problem Solving using Computer	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2022	9.50	9.40	Q
		CC-4	Differential Equations and Vector Calculus	10	6	60	2022			
	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2022			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2022			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2022	5.33	5.77	Q
		CC-6	Group Theory I	5	6	30	2022			
		CC-7	Numerical Methods	6	6	36	2022			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2022			
	MATHEMATICS	SEC-1	Logic and Sets	6	2	12	2022			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	5	6	30	2023	5.33	6.15	Q
		CC-9	Multivariate Calculus	6	6	36	2023			
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2023			
	COMPUTER SCIENCE	GE-4	Computer System Architecture	8	6	48	2023			
	MATHEMATICS	SEC-2	Graph Theory	8	2	16	2023			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2023			SNC
		CC-12	Mechanics I	NA	6	NA				
	MATHEMATICS	DSE-1	Point Set Topology	4	6	24	2023			
		DSE-2	Probability & Statistics	7	6	42	2023			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	4	6	24	2024	6.75	6.75	Q
		CC-14	Ring Theory and Linear Algebra II	7	6	42	2024			
	MATHEMATICS	DSE-3	Group Theory II	7	6	42	2024			
		DSE-4	Project Work	9	6	54	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :	**Letter Grade in CGPA :**	**Result : PNC**
CGPA (Cumulative Grade Point Average) on the basis of All Courses :		

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms				Percentage Conversion Formula:
90% to 100%	10	80% and above but below 90%	9	= (SGPA or CGPA×10) - 5.0
70% and above but below 80%	8	60% and above but below 70%	7	*Letter Grade in CGPA is awarded on the basis of CCs and DSEs
50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	

Serial No. 24003600A01543

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: SUMAN SANTRA **Roll No. 210340900129**

Honours: BOTANY

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	7	6	42	2021	7.50	7.91	Q
		CC-2	Archegoniatae	8	6	48	2021			
	ENVIRONMENTAL SCIENCE	GE-1	Environment & Society	8	6	48	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	BOTANY	CC-3	Mycology and Phytopathology	8	6	48	2022	8.50	8.60	Q
		CC-4	Morphology and Anatomy of Angiosperms	9	6	54	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2022			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	6	6	36	2022	7.00	6.62	Q
		CC-6	Plant Systematics	7	6	42	2022			
		CC-7	Economic Botany	8	6	48	2022			
	ZOOLOGY	GE-3	Physiology and Biochemistry	5	6	30	2022			
	BOTANY	SEC-1	Agricultural Botany	8	2	16	2022			
IV	BOTANY	CC-8	Palaeobotany & Palynology	7	6	42	2023	7.00	7.23	Q
		CC-9	Biomolecules and Cell Biology	7	6	42	2023			
		CC-10	Molecular Biology	7	6	42	2023			
	ENVIRONMENTAL SCIENCE	GE-4	Green Technology	7	6	42	2023			
	BOTANY	SEC-2	Biofertilizers	10	2	20	2023			
V	BOTANY	CC-11	Plant Physiology	7	6	42	2023	7.00	7.00	Q
		CC-12	Plant Metabolism	5	6	30	2023			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	7	6	42	2023			
		DSE-2	Natural Resource Management	9	6	54	2023			
VI	BOTANY	CC-13	Genetics & Plant Breeding	7	6	42	2024	7.50	7.50	Q
		CC-14	Plant Biotechnology	6	6	36	2024			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	9	6	54	2024			
		DSE-4	Industrial and Environmental Microbiology	8	6	48	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **7.33**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **7.42**

Letter Grade in CGPA : A

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amidya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms			
90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600A+01544

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: SUMAN TAPASWI **Roll No. 210340900130**

Honours: ZOOLOGY

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	7	6	42	2021	7.50	8.18	Q
		CC-2	Ecology	8	6	48	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	ZOOLOGY	CC-3	Non-chordates II	8	6	48	2022	8.50	8.20	Q
		CC-4	Cell Biology	9	6	54	2022			
	BOTANY	GE-2	Plant Ecology and Taxonomy	8	6	48	2022			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2022			
III	ZOOLOGY	CC-5	Chordates	9	6	54	2022	8.33	8.54	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	9	6	54	2022			
		CC-7	Fundamentals of Biochemistry	7	6	42	2022			
	BOTANY	GE-3	Plant Anatomy and Embryology	9	6	54	2022			
	ZOOLOGY	SEC-1	Sericulture	9	2	18	2022			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	9	6	54	2023	8.33	8.23	Q
		CC-9	Animal Physiology: Life Sustaining Systems	8	6	48	2023			
		CC-10	Immunology	8	6	48	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2023			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	8	2	16	2023			
V	ZOOLOGY	CC-11	Molecular Biology	9	6	54	2023	8.50	8.50	Q
		CC-12	Genetics	9	6	54	2023			
	ZOOLOGY	DSE-1	Animal Biotechnology	8	6	48	2023			
		DSE-2	Parasitology	8	6	48	2023			
VI	ZOOLOGY	CC-13	Developmental Biology	7	6	42	2024	7.50	7.50	Q
		CC-14	Evolutionary Biology	7	6	42	2024			
	ZOOLOGY	DSE-3	Animal Behaviour	8	6	48	2024			
		DSE-4	Endocrinology	8	6	48	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **8.11**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **8.20**

Letter Grade in CGPA : A+

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amrita Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600A01545

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: SUMITA DUTTA **Roll No. 210340900131**

Honours: BOTANY

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	7	6	42	2021	7.00	8.09	Q
		CC-2	Archegoniatae	7	6	42	2021			
	ENVIRONMENTAL SCIENCE	GE-1	Environment & Society	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	10	4	40	2021			
II	BOTANY	CC-3	Mycology and Phytopathology	8	6	48	2022	8.50	8.80	Q
		CC-4	Morphology and Anatomy of Angiosperms	9	6	54	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2022			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2022			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	6	6	36	2022	6.67	6.46	Q
		CC-6	Plant Systematics	7	6	42	2022			
		CC-7	Economic Botany	7	6	42	2022			
	ZOOLOGY	GE-3	Physiology and Biochemistry	5	6	30	2022			
	BOTANY	SEC-1	Agricultural Botany	9	2	18	2022			
IV	BOTANY	CC-8	Palaeobotany & Palynology	7	6	42	2023	6.67	6.69	Q
		CC-9	Biomolecules and Cell Biology	6	6	36	2023			
		CC-10	Molecular Biology	7	6	42	2023			
	ENVIRONMENTAL SCIENCE	GE-4	Green Technology	6	6	36	2023			
	BOTANY	SEC-2	Biofertilizers	9	2	18	2023			
V	BOTANY	CC-11	Plant Physiology	6	6	36	2023	6.75	6.75	Q
		CC-12	Plant Metabolism	5	6	30	2023			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	8	6	48	2023			
		DSE-2	Natural Resource Management	8	6	48	2023			
VI	BOTANY	CC-13	Genetics & Plant Breeding	7	6	42	2024	7.25	7.25	Q
		CC-14	Plant Biotechnology	7	6	42	2024			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	8	6	48	2024			
		DSE-4	Industrial and Environmental Microbiology	7	6	42	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **7.06**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **7.27**

Letter Grade in CGPA : A

Result : Q

Date of Publication of Result : 31.08.2024

$$SGPA\ (S) = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amrita Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms			
90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600A01546

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: SUPRANA NAYAK **Roll No. 210340900132**

Honours: ZOOLOGY

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	9	6	54	2021	9.50	9.18	Q
		CC-2	Ecology	10	6	60	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	10	4	40	2021			
II	ZOOLOGY	CC-3	Non-chordates II	10	6	60	2022	10.00	9.40	Q
		CC-4	Cell Biology	10	6	60	2022			
	BOTANY	GE-2	Plant Ecology and Taxonomy	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2022			
III	ZOOLOGY	CC-5	Chordates	8	6	48	2022	7.33	7.85	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	7	6	42	2022			
		CC-7	Fundamentals of Biochemistry	7	6	42	2022			
	BOTANY	GE-3	Plant Anatomy and Embryology	9	6	54	2022			
	ZOOLOGY	SEC-1	Sericulture	9	2	18	2022			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	8	6	48	2023	8.33	8.08	Q
		CC-9	Animal Physiology: Life Sustaining Systems	9	6	54	2023			
		CC-10	Immunology	8	6	48	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2023			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	9	2	18	2023			
V	ZOOLOGY	CC-11	Molecular Biology	7	6	42	2023	6.75	6.75	Q
		CC-12	Genetics	7	6	42	2023			
	ZOOLOGY	DSE-1	Animal Biotechnology	6	6	36	2023			
		DSE-2	Parasitology	7	6	42	2023			
VI	ZOOLOGY	CC-13	Developmental Biology	7	6	42	2024	7.00	7.00	Q
		CC-14	Evolutionary Biology	6	6	36	2024			
	ZOOLOGY	DSE-3	Animal Behaviour	8	6	48	2024			
		DSE-4	Endocrinology	7	6	42	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **7.83**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **7.99**

Letter Grade in CGPA : A

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600A+01547

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: SUPRIYA ADHIKARI **Roll No. 210340900133**

Honours: BOTANY

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	7	6	42	2021	7.50	7.91	Q
		CC-2	Archegoniatae	8	6	48	2021			
	ENVIRONMENTAL SCIENCE	GE-1	Environment & Society	8	6	48	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	BOTANY	CC-3	Mycology and Phytopathology	8	6	48	2022	8.50	8.50	Q
		CC-4	Morphology and Anatomy of Angiosperms	9	6	54	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2022			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	8	6	48	2022	8.33	7.92	Q
		CC-6	Plant Systematics	8	6	48	2022			
		CC-7	Economic Botany	9	6	54	2022			
	ZOOLOGY	GE-3	Physiology and Biochemistry	6	6	36	2022			
	BOTANY	SEC-1	Agricultural Botany	10	2	20	2022			
IV	BOTANY	CC-8	Palaeobotany & Palynology	9	6	54	2023	8.33	8.15	Q
		CC-9	Biomolecules and Cell Biology	8	6	48	2023			
		CC-10	Molecular Biology	8	6	48	2023			
	ENVIRONMENTAL SCIENCE	GE-4	Green Technology	7	6	42	2023			
	BOTANY	SEC-2	Biofertilizers	10	2	20	2023			
V	BOTANY	CC-11	Plant Physiology	8	6	48	2023	8.25	8.25	Q
		CC-12	Plant Metabolism	7	6	42	2023			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	9	6	54	2023			
		DSE-2	Natural Resource Management	9	6	54	2023			
VI	BOTANY	CC-13	Genetics & Plant Breeding	9	6	54	2024	8.75	8.75	Q
		CC-14	Plant Biotechnology	9	6	54	2024			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	8	6	48	2024			
		DSE-4	Industrial and Environmental Microbiology	9	6	54	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **8.33**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **8.24**

Letter Grade in CGPA : A+

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amidya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600A01548

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: SUPRIYA ADIKARI **Roll No. 210340900134**

Honours: BOTANY

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	7	6	42	2021	7.00	7.91	Q
		CC-2	Archegoniatae	7	6	42	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	BOTANY	CC-3	Mycology and Phytopathology	8	6	48	2022	9.00	8.90	Q
		CC-4	Morphology and Anatomy of Angiosperms	10	6	60	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2022			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	7	6	42	2022	7.33	7.08	Q
		CC-6	Plant Systematics	7	6	42	2022			
		CC-7	Economic Botany	8	6	48	2022			
	ZOOLOGY	GE-3	Physiology and Biochemistry	6	6	36	2022			
	BOTANY	SEC-1	Agricultural Botany	8	2	16	2022			
IV	BOTANY	CC-8	Palaeobotany & Palynology	8	6	48	2023	8.00	8.08	Q
		CC-9	Biomolecules and Cell Biology	7	6	42	2023			
		CC-10	Molecular Biology	9	6	54	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2023			
	BOTANY	SEC-2	Biofertilizers	9	2	18	2023			
V	BOTANY	CC-11	Plant Physiology	7	6	42	2023	7.25	7.25	Q
		CC-12	Plant Metabolism	6	6	36	2023			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	7	6	42	2023			
		DSE-2	Natural Resource Management	9	6	54	2023			
VI	BOTANY	CC-13	Genetics & Plant Breeding	7	6	42	2024	7.75	7.75	Q
		CC-14	Plant Biotechnology	7	6	42	2024			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	9	6	54	2024			
		DSE-4	Industrial and Environmental Microbiology	8	6	48	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **7.67**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **7.79**

Letter Grade in CGPA : A

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003612X01549

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: SUPRIYA SAMUI **Roll No. 210340900135**

Honours: ENVIRONMENTAL SCIENCE

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ENVIRONMENTAL SCIENCE	CC-1	Fundamentals of Environment	9	6	54	2021	9.00	8.18	Q
		CC-2	Environmental Biology	9	6	54	2021			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	6	6	36	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	ENVIRONMENTAL SCIENCE	CC-3	Environmental Chemistry	10	6	60	2022	10.00	9.50	Q
		CC-4	Environmental Physics	10	6	60	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2022			
III	ENVIRONMENTAL SCIENCE	CC-5	Earth Science	7	6	42	2022	7.00	6.69	Q
		CC-6	Environmental Resources	7	6	42	2022			
		CC-7	Green Chemistry & Environmental Applications	7	6	42	2022			
	ZOOLOGY	GE-3	Physiology and Biochemistry	6	6	36	2022			
	ENVIRONMENTAL SCIENCE	SEC-1	Remote Sensing & Geographical Information System (GIS)	6	2	12	2022			
IV	ENVIRONMENTAL SCIENCE	CC-8	Ecotoxicology & Environmental Biotechnology	7	6	42	2023	7.33	7.23	Q
		CC-9	Environmental Laws, Policies & Environmental Impact Assessment	7	6	42	2023			
		CC-10	Natural Hazards & Management & Waste Management	8	6	48	2023			
	BOTANY	GE-4	Plant Physiology and Metabolism	7	6	42	2023			
	ENVIRONMENTAL SCIENCE	SEC-2	Conservation & Ecotourism	7	2	14	2023			
V	ENVIRONMENTAL SCIENCE	CC-11	Environmental Pollution	9	6	54	2023	7.50	7.50	Q
		CC-12	Environmental Engineering & Statistics	6	6	36	2023			
	ENVIRONMENTAL SCIENCE	DSE-1	Environmental Pollution & Monitoring Techniques	6	6	36	2023			
		DSE-2	Environmental Health & Stress Physiology	9	6	54	2023			
VI	ENVIRONMENTAL SCIENCE	CC-13	Environmental Economics & Management	NA	6	NA				SNC
		CC-14	Wildlife Management & Conservation	8	6	48	2024			
	ENVIRONMENTAL SCIENCE	DSE-3	Atmosphere & Global Climate Change	9	6	54	2024			
		DSE-4	Solid Waste Management	7	6	42	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :

CGPA (Cumulative Grade Point Average) on the basis of All Courses :

Letter Grade in CGPA :

Result : PNC

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600A+01550

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: SUROJIT GHOSH **Roll No. 210340900136**

Honours: COMPUTER SCIENCE

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	COMPUTER SCIENCE	CC-1	Programming Fundamentals using C/C++	10	6	60	2021	9.50	9.27	Q
		CC-2	Computer System Architecture	9	6	54	2021			
	PHYSICS	GE-1	Mechanics	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	COMPUTER SCIENCE	CC-3	Programming in Java	9	6	54	2022	9.50	9.40	Q
		CC-4	Discrete Structure	10	6	60	2022			
	MATHEMATICS	GE-2	Differential Equations	9	6	54	2022			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2022			
III	COMPUTER SCIENCE	CC-5	Data Structure	7	6	42	2022	7.33	6.77	Q
		CC-6	Operating Systems	8	6	48	2022			
		CC-7	Computer Networks	7	6	42	2022			
	MATHEMATICS	GE-3	Real Analysis	4	6	24	2022			
	COMPUTER SCIENCE	SEC-1	Programming in Python	10	2	20	2022			
IV	COMPUTER SCIENCE	CC-8	Design and Analysis of Algorithms	9	6	54	2023	8.33	7.92	Q
		CC-9	Software Engineering	8	6	48	2023			
		CC-10	Database Management System	8	6	48	2023			
	PHYSICS	GE-4	Waves and Optics	6	6	36	2023			
	COMPUTER SCIENCE	SEC-2	UNIX / Linux Programming	10	2	20	2023			
V	COMPUTER SCIENCE	CC-11	Internet Technologies	8	6	48	2023	7.25	7.25	Q
		CC-12	Theory of Computation	6	6	36	2023			
	COMPUTER SCIENCE	DSE-1	Microprocessors	6	6	36	2023			
		DSE-2	System Programming	9	6	54	2023			
VI	COMPUTER SCIENCE	CC-13	Artificial Intelligence	8	6	48	2024	7.50	7.50	Q
		CC-14	Computer Graphics	9	6	54	2024			
	COMPUTER SCIENCE	DSE-3	Soft Computing	8	6	48	2024			
		DSE-4	Project Work / Dissertation	5	6	30	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **8.00**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **7.94**

Letter Grade in CGPA : A+

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600A+01551

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: SWARNALI SARKAR **Roll No. 210340900137**

Honours: COMPUTER SCIENCE

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	COMPUTER SCIENCE	CC-1	Programming Fundamentals using C/C++	9	6	54	2021	8.50	8.73	Q
		CC-2	Computer System Architecture	8	6	48	2021			
	PHYSICS	GE-1	Mechanics	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	COMPUTER SCIENCE	CC-3	Programming in Java	9	6	54	2022	9.50	9.20	Q
		CC-4	Discrete Structure	10	6	60	2022			
	MATHEMATICS	GE-2	Differential Equations	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2022			
III	COMPUTER SCIENCE	CC-5	Data Structure	6	6	36	2022	7.00	6.46	Q
		CC-6	Operating Systems	8	6	48	2022			
		CC-7	Computer Networks	7	6	42	2022			
	MATHEMATICS	GE-3	Real Analysis	4	6	24	2022			
	COMPUTER SCIENCE	SEC-1	Programming in Python	9	2	18	2022			
IV	COMPUTER SCIENCE	CC-8	Design and Analysis of Algorithms	9	6	54	2023	8.67	8.38	Q
		CC-9	Software Engineering	8	6	48	2023			
		CC-10	Database Management System	9	6	54	2023			
	PHYSICS	GE-4	Waves and Optics	7	6	42	2023			
	COMPUTER SCIENCE	SEC-2	UNIX / Linux Programming	10	2	20	2023			
V	COMPUTER SCIENCE	CC-11	Internet Technologies	8	6	48	2023	8.00	8.00	Q
		CC-12	Theory of Computation	7	6	42	2023			
	COMPUTER SCIENCE	DSE-1	Microprocessors	7	6	42	2023			
		DSE-2	System Programming	10	6	60	2023			
VI	COMPUTER SCIENCE	CC-13	Artificial Intelligence	9	6	54	2024	7.75	7.75	Q
		CC-14	Computer Graphics	8	6	48	2024			
	COMPUTER SCIENCE	DSE-3	Soft Computing	9	6	54	2024			
		DSE-4	Project Work / Dissertation	5	6	30	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **8.11**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **8.03**

Letter Grade in CGPA : A+

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Amidya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600A01552

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: SWARUP MANDAL **Roll No. 210340900138**

Honours: COMPUTER SCIENCE

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	COMPUTER SCIENCE	CC-1	Programming Fundamentals using C/C++	9	6	54	2021	9.00	8.73	Q
		CC-2	Computer System Architecture	9	6	54	2021			
	PHYSICS	GE-1	Mechanics	8	6	48	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	COMPUTER SCIENCE	CC-3	Programming in Java	9	6	54	2022	9.50	9.10	Q
		CC-4	Discrete Structure	10	6	60	2022			
	MATHEMATICS	GE-2	Differential Equations	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2022			
III	COMPUTER SCIENCE	CC-5	Data Structure	6	6	36	2022	7.00	6.77	Q
		CC-6	Operating Systems	8	6	48	2022			
		CC-7	Computer Networks	7	6	42	2022			
	MATHEMATICS	GE-3	Real Analysis	5	6	30	2022			
	COMPUTER SCIENCE	SEC-1	Programming in Python	10	2	20	2022			
IV	COMPUTER SCIENCE	CC-8	Design and Analysis of Algorithms	8	6	48	2023	8.00	7.69	Q
		CC-9	Software Engineering	7	6	42	2023			
		CC-10	Database Management System	9	6	54	2023			
	PHYSICS	GE-4	Waves and Optics	6	6	36	2023			
	COMPUTER SCIENCE	SEC-2	UNIX / Linux Programming	10	2	20	2023			
V	COMPUTER SCIENCE	CC-11	Internet Technologies	7	6	42	2023	7.00	7.00	Q
		CC-12	Theory of Computation	6	6	36	2023			
	COMPUTER SCIENCE	DSE-1	Microprocessors	6	6	36	2023			
		DSE-2	System Programming	9	6	54	2023			
VI	COMPUTER SCIENCE	CC-13	Artificial Intelligence	9	6	54	2024	7.75	7.75	Q
		CC-14	Computer Graphics	8	6	48	2024			
	COMPUTER SCIENCE	DSE-3	Soft Computing	9	6	54	2024			
		DSE-4	Project Work / Dissertation	5	6	30	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **7.83**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **7.77**

Letter Grade in CGPA : A

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003612X01553

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: TANAY ROY **Roll No. 210340900139**

Honours: MATHEMATICS

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	8	6	48	2021	8.50	8.91	Q
		CC-2	Algebra	9	6	54	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	10	4	40	2021			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2022	8.50	8.50	Q
		CC-4	Differential Equations and Vector Calculus	8	6	48	2022			
	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2022			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	NA	6	NA				SNC
		CC-6	Group Theory I	4	6	24	2022			
		CC-7	Numerical Methods	6	6	36	2022			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2022			
	MATHEMATICS	SEC-1	Logic and Sets	6	2	12	2022			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	NA	6	NA				SNC
		CC-9	Multivariate Calculus	NA	6	NA				
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2023			
	MATHEMATICS	SEC-2	Graph Theory	7	2	14	2023			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	4	6	24	2023			SNC
		CC-12	Mechanics I	NA	6	NA				
	MATHEMATICS	DSE-1	Point Set Topology	NA	6	NA				
		DSE-2	Probability & Statistics	4	6	24	2023			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	NA	6	NA				SNC
		CC-14	Ring Theory and Linear Algebra II	6	6	36	2024			
	MATHEMATICS	DSE-3	Group Theory II	6	6	36	2024			
		DSE-4	Project Work	7	6	42	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :	**Letter Grade in CGPA :**	**Result : PNC**
CGPA (Cumulative Grade Point Average) on the basis of All Courses :		

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
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AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms			
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70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA×10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Serial No. 24003600A+01554

B.Sc. (Honours) Semester VI

THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS

GRADE CARD

Name: TRISHA CHOWDHURY **Roll No. 210340900142**

Honours: COMPUTER SCIENCE

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	COMPUTER SCIENCE	CC-1	Programming Fundamentals using C/C++	9	6	54	2021	9.00	9.18	Q
		CC-2	Computer System Architecture	9	6	54	2021			
	PHYSICS	GE-1	Mechanics	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	10	4	40	2021			
II	COMPUTER SCIENCE	CC-3	Programming in Java	10	6	60	2022	10.00	9.40	Q
		CC-4	Discrete Structure	10	6	60	2022			
	MATHEMATICS	GE-2	Differential Equations	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2022			
III	COMPUTER SCIENCE	CC-5	Data Structure	6	6	36	2022	8.00	7.46	Q
		CC-6	Operating Systems	9	6	54	2022			
		CC-7	Computer Networks	9	6	54	2022			
	MATHEMATICS	GE-3	Real Analysis	5	6	30	2022			
	COMPUTER SCIENCE	SEC-1	Programming in Python	10	2	20	2022			
IV	COMPUTER SCIENCE	CC-8	Design and Analysis of Algorithms	9	6	54	2023	9.33	8.62	Q
		CC-9	Software Engineering	9	6	54	2023			
		CC-10	Database Management System	10	6	60	2023			
	PHYSICS	GE-4	Waves and Optics	6	6	36	2023			
	COMPUTER SCIENCE	SEC-2	UNIX / Linux Programming	10	2	20	2023			
V	COMPUTER SCIENCE	CC-11	Internet Technologies	7	6	42	2023	7.75	7.75	Q
		CC-12	Theory of Computation	6	6	36	2023			
	COMPUTER SCIENCE	DSE-1	Microprocessors	8	6	48	2023			
		DSE-2	System Programming	10	6	60	2023			
VI	COMPUTER SCIENCE	CC-13	Artificial Intelligence	9	6	54	2024	7.75	7.75	Q
		CC-14	Computer Graphics	8	6	48	2024			
	COMPUTER SCIENCE	DSE-3	Soft Computing	9	6	54	2024			
		DSE-4	Project Work / Dissertation	5	6	30	2024			

CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : **8.44**

CGPA (Cumulative Grade Point Average) on the basis of All Courses : **8.31**

Letter Grade in CGPA : A+

Result : Q

Date of Publication of Result : 31.08.2024

$$\text{SGPA (S)} = \frac{\sum_{i=1}^{n}(G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad \text{CGPA} = \frac{\sum_{i=1}^{N}(V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Jyoti Pal

Controller of Examinations

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35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage Conversion Formula:
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*Letter Grade in CGPA is awarded on the basis of CCs and DSEs