



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : ABHISIKTA MUKHERJEE

Roll No. 20031370001

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	2020	10.00	9.55	Q
		CC-2	Physical Chemistry-I	10	6	60	2020			
	PHYSICS	GE-1	Mechanics	9	6	54	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	10	6	60	2021	10.00	10.00	Q
		CC-4	Organic Chemistry-II	10	6	60	2021			
	PHYSICS	GE-2	Electricity and Magnetism	10	6	60	2021			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2021			
III	CHEMISTRY	CC-5	Physical Chemistry-II	10	6	60	2021	10.00	9.54	Q
		CC-6	Inorganic Chemistry-II	10	6	60	2021			
		CC-7	Organic Chemistry-III	10	6	60	2021			
	MATHEMATICS	GE-3	Real Analysis	8	6	48	2021			
CHEMISTRY	SEC-1	Basic Analytical Chemistry	10	2	20	2021				
IV	CHEMISTRY	CC-8	Physical Chemistry-III	10	6	60	2022	10.00	9.77	Q
		CC-9	Inorganic Chemistry-III	10	6	60	2022			
		CC-10	Organic Chemistry - IV	10	6	60	2022			
	MATHEMATICS	GE-4	Algebra	9	6	54	2022			
CHEMISTRY	SEC-2	Pharmaceutical Chemistry	10	2	20	2022				
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	7	6	42	2022	7.00	7.00	Q
		CC-12	Organic Chemistry-V	7	6	42	2022			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	6	6	36	2022			
		DSE-2	Analytical Methods in Chemistry	8	6	48	2022			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	7	6	42	2023	8.00	8.00	Q
		CC-14	Physical Chemistry-IV	6	6	36	2023			
	CHEMISTRY	DSE-3	Polymer Chemistry	9	6	54	2023			
		DSE-4	Dissertation Followed by Power Point Presentation	10	6	60	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.89							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.96										

Date of Publication of Result : 25.08.2023

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

Anindya Zohi 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%
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)

*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 2023 UNDER CBCS
GRADE CARD

Name : AMIT MAPDER

Roll No. 20031370002

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	2020	9.50	9.27	Q
		CC-2	Physical Chemistry-I	10	6	60	2020			
	PHYSICS	GE-1	Mechanics	9	6	54	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	10	6	60	2021	10.00	9.70	Q
		CC-4	Organic Chemistry-II	10	6	60	2021			
	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2021			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2021			
III	CHEMISTRY	CC-5	Physical Chemistry-II	9	6	54	2021	8.33	7.85	Q
		CC-6	Inorganic Chemistry-II	8	6	48	2021			
		CC-7	Organic Chemistry-III	8	6	48	2021			
	MATHEMATICS	GE-3	Real Analysis	6	6	36	2021			
CHEMISTRY	SEC-1	Basic Analytical Chemistry	9	2	18	2021				
IV	CHEMISTRY	CC-8	Physical Chemistry-III	8	6	48	2022	7.33	7.23	Q
		CC-9	Inorganic Chemistry-III	8	6	48	2022			
		CC-10	Organic Chemistry - IV	6	6	36	2022			
	MATHEMATICS	GE-4	Algebra	7	6	42	2022			
CHEMISTRY	SEC-2	Pharmaceutical Chemistry	7	2	14	2022				
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	6	6	36	2022	6.50	6.50	Q
		CC-12	Organic Chemistry-V	7	6	42	2022			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	6	6	36	2022			
		DSE-2	Analytical Methods in Chemistry	7	6	42	2022			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	6	6	36	2023	7.00	7.00	Q
		CC-14	Physical Chemistry-IV	6	6	36	2023			
	CHEMISTRY	DSE-3	Polymer Chemistry	7	6	42	2023			
		DSE-4	Dissertation Followed by Power Point Presentation	9	6	54	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.78							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.85										


Date of Publication of Result : 25.08.2023

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

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



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : **KARUNAMAYE DAS**Roll No. **20031370005**

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	2020	9.50	8.73	Q
		CC-2	Physical Chemistry-I	10	6	60	2020			
	PHYSICS	GE-1	Mechanics	7	6	42	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	9	6	54	2021	9.50	9.60	Q
		CC-4	Organic Chemistry-II	10	6	60	2021			
	PHYSICS	GE-2	Electricity and Magnetism	10	6	60	2021			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2021			
III	CHEMISTRY	CC-5	Physical Chemistry-II	9	6	54	2021	9.67	9.31	Q
		CC-6	Inorganic Chemistry-II	10	6	60	2021			
		CC-7	Organic Chemistry-III	10	6	60	2021			
	MATHEMATICS	GE-3	Real Analysis	8	6	48	2021			
CHEMISTRY	SEC-1	Basic Analytical Chemistry	10	2	20	2021				
IV	CHEMISTRY	CC-8	Physical Chemistry-III	10	6	60	2022	9.67	9.46	Q
		CC-9	Inorganic Chemistry-III	10	6	60	2022			
		CC-10	Organic Chemistry - IV	9	6	54	2022			
	MATHEMATICS	GE-4	Algebra	9	6	54	2022			
CHEMISTRY	SEC-2	Pharmaceutical Chemistry	9	2	18	2022				
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	8	6	48	2022	7.25	7.25	Q
		CC-12	Organic Chemistry-V	8	6	48	2022			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	6	6	36	2022			
		DSE-2	Analytical Methods in Chemistry	7	6	42	2022			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	8	6	48	2023	7.25	7.25	Q
		CC-14	Physical Chemistry-IV	5	6	30	2023			
	CHEMISTRY	DSE-3	Polymer Chemistry	7	6	42	2023			
		DSE-4	Dissertation Followed by Power Point Presentation	9	6	54	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.56							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.59										

Date of Publication of Result : 25.08.2023

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

Anindya Zohi 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%
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)

*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 2023 UNDER CBCS
GRADE CARD

Name : PARTHIB PAUL

Roll No. 200313700006

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	7	6	42	2020	8.00	8.45	Q
		CC-2	Mechanics	9	6	54	2020			
	MATHEMATICS	GE-1	Differential Calculus	9	6	54	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	PHYSICS	CC-3	Electricity and Magnetism	8	6	48	2021	8.50	8.80	Q
		CC-4	Waves and Optics	9	6	54	2021			
	MATHEMATICS	GE-2	Differential Equations	9	6	54	2021			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2021			
III	PHYSICS	CC-5	Mathematical Physics-II	9	6	54	2021	9.00	9.23	Q
		CC-6	Thermal Physics	9	6	54	2021			
		CC-7	Digital Systems and Applications	9	6	54	2021			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	10	6	60	2021			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	9	2	18	2021			
IV	PHYSICS	CC-8	Mathematical Physics-III	8	6	48	2022	8.00	8.00	Q
		CC-9	Elements of Modern Physics	8	6	48	2022			
		CC-10	Analog Systems & Applications	8	6	48	2022			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2022			
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	8	2	16	2022			
V	PHYSICS	CC-11	Quantum Mechanics and Applications	4	6	24	2022	5.75	5.75	Q
		CC-12	Solid State Physics	5	6	30	2022			
	PHYSICS	DSE-1	Advanced Mathematical Physics	8	6	48	2022			
		DSE-2	Classical Dynamics	6	6	36	2022			
		PHYSICS	CC-13	Electromagnetic Theory	6	6	36			
VI	PHYSICS	CC-14	Statistical Mechanics	6	6	36	2023	6.25	6.25	Q
		PHYSICS	DSE-3	Nuclear and Particle Physics	6	6	36			
	PHYSICS		DSE-4	Applied Dynamics	7	6	42			
		CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.33								
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.73										


Date of Publication of Result : 25.08.2023

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

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



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : SATHIYA BAKSHI

Roll No. 20031370008

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	2020	10.00	9.27	Q
		CC-2	Algebra	10	6	60	2020			
	PHYSICS	GE-1	Mechanics	8	6	48	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	MATHEMATICS	CC-3	Real Analysis	10	6	60	2021	10.00	9.70	Q
		CC-4	Differential Equations and Vector Calculus	10	6	60	2021			
	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2021			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2021			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	10	6	60	2021	8.67	9.00	Q
		CC-6	Group Theory I	7	6	42	2021			
		CC-7	Numerical Methods	9	6	54	2021			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	10	6	60	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	9.67	9.31	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	10	2	20	2022				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2022	7.00	7.00	Q
		CC-12	Mechanics I	9	6	54	2022			
	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2022			
		DSE-2	Probability & Statistics	6	6	36	2022			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	7	6	42	2023	6.75	6.75	Q
		CC-14	Ring Theory and Linear Algebra II	4	6	24	2023			
	MATHEMATICS	DSE-3	Group Theory II	7	6	42	2023			
		DSE-4	Project Work	9	6	54	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.33							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.48										

Date of Publication of Result : 25.08.2023

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

Anindya Zohi 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:		
		= (SGPA or CGPA × 10) - 5.0	
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)

*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 2023 UNDER CBCS
GRADE CARD

Name : SAYAN MONDAL

Roll No. 200313700009

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	2020	9.50	8.18	Q
		CC-2	Mechanics	10	6	60	2020			
	MATHEMATICS	GE-1	Differential Calculus	5	6	30	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	PHYSICS	CC-3	Electricity and Magnetism	10	6	60	2021	10.00	9.70	Q
		CC-4	Waves and Optics	10	6	60	2021			
	MATHEMATICS	GE-2	Differential Equations	9	6	54	2021			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2021			
III	PHYSICS	CC-5	Mathematical Physics-II	10	6	60	2021	10.00	10.00	Q
		CC-6	Thermal Physics	10	6	60	2021			
		CC-7	Digital Systems and Applications	10	6	60	2021			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	10	6	60	2021			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	10	2	20	2021			
IV	PHYSICS	CC-8	Mathematical Physics-III	10	6	60	2022	10.00	9.62	Q
		CC-9	Elements of Modern Physics	10	6	60	2022			
		CC-10	Analog Systems & Applications	10	6	60	2022			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2022			
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	8	2	16	2022			
V	PHYSICS	CC-11	Quantum Mechanics and Applications	8	6	48	2022	9.00	9.00	Q
		CC-12	Solid State Physics	9	6	54	2022			
	PHYSICS	DSE-1	Advanced Mathematical Physics	10	6	60	2022			
		DSE-2	Classical Dynamics	9	6	54	2022			
VI	PHYSICS	CC-13	Electromagnetic Theory	9	6	54	2023	9.00	9.00	Q
		CC-14	Statistical Mechanics	9	6	54	2023			
	PHYSICS	DSE-3	Nuclear and Particle Physics	8	6	48	2023			
		DSE-4	Applied Dynamics	10	6	60	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.50							Letter Grade in CGPA : O		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 9.27										


Date of Publication of Result : 25.08.2023

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

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



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : SHIBAM KARMAKAR

Roll No. 20031370010

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	2020	9.00	8.73	Q
		CC-2	Physical Chemistry-I	9	6	54	2020			
	PHYSICS	GE-1	Mechanics	8	6	48	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	9	6	54	2021	9.50	9.40	Q
		CC-4	Organic Chemistry-II	10	6	60	2021			
	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2021			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2021			
III	CHEMISTRY	CC-5	Physical Chemistry-II	9	6	54	2021	9.67	9.31	Q
		CC-6	Inorganic Chemistry-II	10	6	60	2021			
		CC-7	Organic Chemistry-III	10	6	60	2021			
	MATHEMATICS	GE-3	Real Analysis	8	6	48	2021			
CHEMISTRY	SEC-1	Basic Analytical Chemistry	10	2	20	2021				
IV	CHEMISTRY	CC-8	Physical Chemistry-III	7	6	42	2022	7.00	7.23	Q
		CC-9	Inorganic Chemistry-III	8	6	48	2022			
		CC-10	Organic Chemistry - IV	6	6	36	2022			
	MATHEMATICS	GE-4	Algebra	8	6	48	2022			
CHEMISTRY	SEC-2	Pharmaceutical Chemistry	7	2	14	2022				
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	8	6	48	2022	7.00	7.00	Q
		CC-12	Organic Chemistry-V	7	6	42	2022			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	6	6	36	2022			
		DSE-2	Analytical Methods in Chemistry	7	6	42	2022			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	7	6	42	2023	7.25	7.25	Q
		CC-14	Physical Chemistry-IV	5	6	30	2023			
	CHEMISTRY	DSE-3	Polymer Chemistry	8	6	48	2023			
		DSE-4	Dissertation Followed by Power Point Presentation	9	6	54	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.00							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.11										

Date of Publication of Result : 25.08.2023

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

Anindya Zohi 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%
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)

*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 2023 UNDER CBCS
GRADE CARD

Name : SOMNATH GHOSH

Roll No. 200313700011

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	2020	8.50	8.73	Q
		CC-2	Mechanics	9	6	54	2020			
	MATHEMATICS	GE-1	Differential Calculus	9	6	54	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	PHYSICS	CC-3	Electricity and Magnetism	9	6	54	2021	9.00	9.40	Q
		CC-4	Waves and Optics	9	6	54	2021			
	MATHEMATICS	GE-2	Differential Equations	10	6	60	2021			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2021			
III	PHYSICS	CC-5	Mathematical Physics-II	8	6	48	2021	8.67	9.08	Q
		CC-6	Thermal Physics	8	6	48	2021			
		CC-7	Digital Systems and Applications	10	6	60	2021			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	10	6	60	2021			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	10	2	20	2021			
IV	PHYSICS	CC-8	Mathematical Physics-III	10	6	60	2022	9.33	9.00	Q
		CC-9	Elements of Modern Physics	9	6	54	2022			
		CC-10	Analog Systems & Applications	9	6	54	2022			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2022			
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	9	2	18	2022			
V	PHYSICS	CC-11	Quantum Mechanics and Applications	5	6	30	2022	5.75	5.75	Q
		CC-12	Solid State Physics	6	6	36	2022			
	PHYSICS	DSE-1	Advanced Mathematical Physics	7	6	42	2022			
		DSE-2	Classical Dynamics	5	6	30	2022			
VI	PHYSICS	CC-13	Electromagnetic Theory	6	6	36	2023	6.00	6.00	Q
		CC-14	Statistical Mechanics	5	6	30	2023			
	PHYSICS	DSE-3	Nuclear and Particle Physics	5	6	30	2023			
		DSE-4	Applied Dynamics	8	6	48	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.56							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.97										


Date of Publication of Result : 25.08.2023

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

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



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : SOUGATA CHATTERJEE

Roll No. 200313700012

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	9.00	Q
		CC-2	Algebra	9	6	54	2020			
	PHYSICS	GE-1	Mechanics	9	6	54	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2021	9.50	9.40	Q
		CC-4	Differential Equations and Vector Calculus	10	6	60	2021			
	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2021			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2021			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	9	6	54	2021	8.33	8.69	Q
		CC-6	Group Theory I	7	6	42	2021			
		CC-7	Numerical Methods	9	6	54	2021			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	10	6	60	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	9.08	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	10	2	20	2022				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2022	7.75	7.75	Q
		CC-12	Mechanics I	9	6	54	2022			
	MATHEMATICS	DSE-1	Linear Programming	7	6	42	2022			
		DSE-2	Probability & Statistics	7	6	42	2022			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2023	8.25	8.25	Q
		CC-14	Ring Theory and Linear Algebra II	7	6	42	2023			
	MATHEMATICS	DSE-3	Group Theory II	8	6	48	2023			
		DSE-4	Project Work	9	6	54	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.56							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.68										

Date of Publication of Result : 25.08.2023

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

Anindya Zohi 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	Grade Point Norms		Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	
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)



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : SOUMYAJIT PAL

Roll No. 200313700013

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	2020	8.50	8.73	Q
		CC-2	Mechanics	9	6	54	2020			
	MATHEMATICS	GE-1	Differential Calculus	9	6	54	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	PHYSICS	CC-3	Electricity and Magnetism	9	6	54	2021	9.00	9.40	Q
		CC-4	Waves and Optics	9	6	54	2021			
	MATHEMATICS	GE-2	Differential Equations	10	6	60	2021			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2021			
III	PHYSICS	CC-5	Mathematical Physics-II	9	6	54	2021	9.33	9.54	Q
		CC-6	Thermal Physics	9	6	54	2021			
		CC-7	Digital Systems and Applications	10	6	60	2021			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	10	6	60	2021			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	10	2	20	2021			
IV	PHYSICS	CC-8	Mathematical Physics-III	9	6	54	2022	9.00	8.92	Q
		CC-9	Elements of Modern Physics	9	6	54	2022			
		CC-10	Analog Systems & Applications	9	6	54	2022			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2022			
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	8	2	16	2022			
V	PHYSICS	CC-11	Quantum Mechanics and Applications	6	6	36	2022	6.25	6.25	Q
		CC-12	Solid State Physics	7	6	42	2022			
	PHYSICS	DSE-1	Advanced Mathematical Physics	7	6	42	2022			
		DSE-2	Classical Dynamics	5	6	30	2022			
		PHYSICS	CC-13	Electromagnetic Theory	6	6	36			
VI	PHYSICS	CC-14	Statistical Mechanics	5	6	30	2023	6.25	6.25	Q
		PHYSICS	DSE-3	Nuclear and Particle Physics	6	6	36			
	PHYSICS		DSE-4	Applied Dynamics	8	6	48			
		CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.78								
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.17										


Date of Publication of Result : 25.08.2023

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

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