



**THE UNIVERSITY OF BURDWAN**  
**B.SC. 3-YEAR DEGREE GENERAL FINAL EXAMINATION 2024 UNDER CBCS**  
**GRADE CARD**

Name: **CHOWDHURY ANAM HOSSAIN**Roll No. **200611010005**

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	PHYSICS	CC-1A	Mechanics	9	6	54	2020	8.82	Q
	CHEMISTRY	CC-2A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2020		
	MATHEMATICS	CC-3A	Differential Calculus	9	6	54	2020		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2020		
II	PHYSICS	CC-1B	Electricity and Magnetism	8	6	48	2021	9.00	Q
	CHEMISTRY	CC-2B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2021		
	MATHEMATICS	CC-3B	Differential Equations	10	6	60	2021		
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021		
III	PHYSICS	CC-1C	Thermal Physics and Statistical Mechanics	8	6	48	2021	9.30	Q
	CHEMISTRY	CC-2C	Chemical Energetic, Equilibria, Organic Chemistry	10	6	60	2021		
	MATHEMATICS	CC-3C	Real Analysis	10	6	60	2021		
	CHEMISTRY	SEC-1	Analytical Clinical Biochemistry	9	2	18	2021		
IV	PHYSICS	CC-1D	Waves and Optics	8	6	48	2022	8.80	Q
	CHEMISTRY	CC-2D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2022		
	MATHEMATICS	CC-3D	Algebra	9	6	54	2022		
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	10	2	20	2022		
V	PHYSICS	DSE-1A	Elements of Modern Physics	6	6	36	2022	7.20	Q
	CHEMISTRY	DSE-2A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	7	6	42	2022		
	MATHEMATICS	DSE-3A	Matrices	8	6	48	2022		
	ELECTRONICS	SEC-3	Computational Physics Skills	9	2	18	2022		
VI	PHYSICS	DSE-1B	Digital, Analog and Instrumentation	5	6	30	2023	5.00	Q
	CHEMISTRY	DSE-2B	Functional Group Organic Chemistry and Industrial Chemistry	5	6	30	2023		
	MATHEMATICS	DSE-3B	Linear Programming	5	6	30	2024		
	ELECTRONICS	SEC-4	Electrical Circuits and Network Skills	5	2	10	2023		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.03</b>						<b>Letter Grade in CGPA : A+</b>		<b>Result : Q</b>	

Date of Publication of Result : 18.09.2024

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

$$CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

*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 [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 "Not Computed" 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
	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 GENERAL FINAL EXAMINATION 2024 UNDER CBCS**  
**GRADE CARD**

Name: **NAJ FATEMA**Roll No. **200611010012**

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	CHEMISTRY	CC-1A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2020	8.00	Q
	BOTANY	CC-2A	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	9	6	54	2020		
	ZOOLOGY	CC-3A	Animal Diversity	8	6	48	2020		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	5	4	20	2020		
II	CHEMISTRY	CC-1B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2021	8.70	Q
	BOTANY	CC-2B	Plant Ecology and Taxonomy	9	6	54	2021		
	ZOOLOGY	CC-3B	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2021		
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021		
III	CHEMISTRY	CC-1C	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2022	7.50	Q
	BOTANY	CC-2C	Plant Anatomy and Embryology	7	6	42	2022		
	ZOOLOGY	CC-3C	Physiology and Biochemistry	8	6	48	2022		
	ZOOLOGY	SEC-1	Apiculture	9	2	18	2022		
IV	CHEMISTRY	CC-1D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2023	7.70	Q
	BOTANY	CC-2D	Plant Physiology and Metabolism	8	6	48	2023		
	ZOOLOGY	CC-3D	Genetics and Evolutionary Biology	10	6	60	2023		
	BOTANY	SEC-2	Floriculture	5	2	10	2023		
V	CHEMISTRY	DSE-1A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	7	6	42	2023	7.00	Q
	BOTANY	DSE-2A	Economic Botany and Biotechnology	7	6	42	2023		
	ZOOLOGY	DSE-3A	Applied Zoology	7	6	42	2023		
	ZOOLOGY	SEC-3	Sericulture	7	2	14	2023		
VI	CHEMISTRY	DSE-1B	Functional Group Organic Chemistry and Industrial Chemistry	5	6	30	2024	6.10	Q
	BOTANY	DSE-2B	Cell Biology, Genetics and Molecular Biology	6	6	36	2024		
	ZOOLOGY	DSE-3B	Immunology	7	6	42	2024		
	BOTANY	SEC-4	Mushroom Cultivation Technology	7	2	14	2024		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>7.51</b>							<b>Letter Grade in CGPA : A</b>	<b>Result : Q</b>	


Date of Publication of Result : 18.09.2024

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

*Anindya Zohi Pal*

**Controller of Examinations**

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					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 [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 "Not Computed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				<b>Percentage Conversion Formula:</b> = (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)	



**THE UNIVERSITY OF BURDWAN**  
**B.SC. 3-YEAR DEGREE GENERAL FINAL EXAMINATION 2024 UNDER CBCS**  
**GRADE CARD**

Name: **KIRAN MALLICK**Roll No. **210611010007**

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	PHYSICS	CC-1A	Mechanics	10	6	60	2021	8.73	Q
	CHEMISTRY	CC-2A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2021		
	MATHEMATICS	CC-3A	Differential Calculus	9	6	54	2021		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2021		
II	PHYSICS	CC-1B	Electricity and Magnetism	9	6	54	2022	9.10	Q
	CHEMISTRY	CC-2B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2022		
	MATHEMATICS	CC-3B	Differential Equations	10	6	60	2022		
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2022		
III	PHYSICS	CC-1C	Thermal Physics and Statistical Mechanics	7	6	42	2022	6.50	Q
	CHEMISTRY	CC-2C	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2022		
	MATHEMATICS	CC-3C	Real Analysis	5	6	30	2022		
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	8	2	16	2022		
IV	PHYSICS	CC-1D	Waves and Optics	6	6	36	2023	5.50	Q
	CHEMISTRY	CC-2D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2023		
	MATHEMATICS	CC-3D	Algebra	4	6	24	2023		
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	7	2	14	2023		
V	PHYSICS	DSE-1A	Elements of Modern Physics	5	6	30	2023	6.30	Q
	CHEMISTRY	DSE-2A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	8	6	48	2023		
	MATHEMATICS	DSE-3A	Matrices	6	6	36	2023		
	PHYSICS	SEC-3	Computational Physics Skills	6	2	12	2023		
VI	PHYSICS	DSE-1B	Digital, Analog and Instrumentation	7	6	42	2024	5.90	Q
	CHEMISTRY	DSE-2B	Functional Group Organic Chemistry and Industrial Chemistry	5	6	30	2024		
	MATHEMATICS	DSE-3B	Linear Programming	5	6	30	2024		
	CHEMISTRY	SEC-4	Polymer Chemistry	8	2	16	2024		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>7.03</b>						<b>Letter Grade in CGPA : A</b>		<b>Result : Q</b>	

Date of Publication of Result : 18.09.2024

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

*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 [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 "Not Computed" 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
	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 GENERAL FINAL EXAMINATION 2024 UNDER CBCS**  
**GRADE CARD**

Name: **KUNTAL GHOSH**Roll No. **210611010008**

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	PHYSICS	CC-1A	Mechanics	10	6	60	2021	8.91	Q
	CHEMISTRY	CC-2A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2021		
	MATHEMATICS	CC-3A	Differential Calculus	9	6	54	2021		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2021		
II	PHYSICS	CC-1B	Electricity and Magnetism	9	6	54	2022	9.10	Q
	CHEMISTRY	CC-2B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2022		
	MATHEMATICS	CC-3B	Differential Equations	9	6	54	2022		
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2022		
III	PHYSICS	CC-1C	Thermal Physics and Statistical Mechanics	7	6	42	2022	6.50	Q
	CHEMISTRY	CC-2C	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2022		
	MATHEMATICS	CC-3C	Real Analysis	5	6	30	2022		
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	8	2	16	2022		
IV	PHYSICS	CC-1D	Waves and Optics	5	6	30	2023	5.60	Q
	CHEMISTRY	CC-2D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2023		
	MATHEMATICS	CC-3D	Algebra	4	6	24	2023		
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	8	2	16	2023		
V	PHYSICS	DSE-1A	Elements of Modern Physics	5	6	30	2023	7.20	Q
	CHEMISTRY	DSE-2A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	9	6	54	2023		
	MATHEMATICS	DSE-3A	Matrices	8	6	48	2023		
	PHYSICS	SEC-3	Computational Physics Skills	6	2	12	2023		
VI	PHYSICS	DSE-1B	Digital, Analog and Instrumentation	6	6	36	2024	5.60	Q
	CHEMISTRY	DSE-2B	Functional Group Organic Chemistry and Industrial Chemistry	5	6	30	2024		
	MATHEMATICS	DSE-3B	Linear Programming	5	6	30	2024		
	CHEMISTRY	SEC-4	Polymer Chemistry	8	2	16	2024		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>7.18</b>						<b>Letter Grade in CGPA : A</b>		<b>Result : Q</b>	

Date of Publication of Result : 18.09.2024

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

$$CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

*Anindya Zohi Pal*

**Controller of Examinations**

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
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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 "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage Conversion Formula:		
	Percentage	Grade Point	
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 GENERAL FINAL EXAMINATION 2024 UNDER CBCS**  
**GRADE CARD**

Name: **MIR SABIR AHAMED**Roll No. **210611010009**

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	CHEMISTRY	CC-1A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2021	7.64	Q
	MATHEMATICS	CC-2A	Differential Calculus	8	6	48	2021		
	PHYSICS	CC-3A	Mechanics	9	6	54	2021		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2021		
II	CHEMISTRY	CC-1B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2022	9.00	Q
	MATHEMATICS	CC-2B	Differential Equations	10	6	60	2022		
	PHYSICS	CC-3B	Electricity and Magnetism	8	6	48	2022		
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2022		
III	CHEMISTRY	CC-1C	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2022	6.20	Q
	MATHEMATICS	CC-2C	Real Analysis	5	6	30	2022		
	PHYSICS	CC-3C	Thermal Physics and Statistical Mechanics	6	6	36	2022		
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	8	2	16	2022		
IV	CHEMISTRY	CC-1D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2023	6.20	Q
	MATHEMATICS	CC-2D	Algebra	4	6	24	2023		
	PHYSICS	CC-3D	Waves and Optics	6	6	36	2023		
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	8	2	16	2023		
V	CHEMISTRY	DSE-1A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	9	6	54	2023	7.40	Q
	MATHEMATICS	DSE-2A	Matrices	8	6	48	2023		
	PHYSICS	DSE-3A	Elements of Modern Physics	5	6	30	2023		
	PHYSICS	SEC-3	Computational Physics Skills	8	2	16	2023		
VI	CHEMISTRY	DSE-1B	Functional Group Organic Chemistry and Industrial Chemistry	6	6	36	2024	6.50	Q
	MATHEMATICS	DSE-2B	Linear Programming	6	6	36	2024		
	PHYSICS	DSE-3B	Digital, Analog and Instrumentation	7	6	42	2024		
	CHEMISTRY	SEC-4	Polymer Chemistry	8	2	16	2024		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>7.16</b>						<b>Letter Grade in CGPA : A</b>		<b>Result : Q</b>	

Date of Publication of Result : 18.09.2024

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

*Anindya Zohi Pal*

**Controller of Examinations**

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					Q – Qualified
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DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [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 "Not Computed" 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
	Grade Point	Percentage	
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 GENERAL FINAL EXAMINATION 2024 UNDER CBCS**  
**GRADE CARD**

Name: RAHUL MONDAL

Roll No. 210611010011

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	PHYSICS	CC-1A	Mechanics	8	6	48	2021	7.18	Q
	CHEMISTRY	CC-2A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2021		
	MATHEMATICS	CC-3A	Differential Calculus	8	6	48	2021		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	5	4	20	2021		
II	PHYSICS	CC-1B	Electricity and Magnetism	7	6	42	2022	7.80	Q
	CHEMISTRY	CC-2B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2022		
	MATHEMATICS	CC-3B	Differential Equations	8	6	48	2022		
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2022		
III	PHYSICS	CC-1C	Thermal Physics and Statistical Mechanics	5	6	30	2023	4.70	Q
	CHEMISTRY	CC-2C	Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2023		
	MATHEMATICS	CC-3C	Real Analysis	4	6	24	2022		
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	5	2	10	2022		
IV	PHYSICS	CC-1D	Waves and Optics	5	6	30	2023	5.40	Q
	CHEMISTRY	CC-2D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2023		
	MATHEMATICS	CC-3D	Algebra	4	6	24	2023		
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	6	2	12	2023		
V	PHYSICS	DSE-1A	Elements of Modern Physics	4	6	24	2023	6.30	Q
	CHEMISTRY	DSE-2A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	8	6	48	2023		
	MATHEMATICS	DSE-3A	Matrices	7	6	42	2023		
	PHYSICS	SEC-3	Computational Physics Skills	6	2	12	2023		
VI	PHYSICS	DSE-1B	Digital, Analog and Instrumentation	7	6	42	2024	6.50	Q
	CHEMISTRY	DSE-2B	Functional Group Organic Chemistry and Industrial Chemistry	5	6	30	2024		
	MATHEMATICS	DSE-3B	Linear Programming	7	6	42	2024		
	CHEMISTRY	SEC-4	Polymer Chemistry	8	2	16	2024		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>6.33</b>						<b>Letter Grade in CGPA : B+</b>		<b>Result : Q</b>	

Date of Publication of Result : 18.09.2024


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

$$CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

*Anindya Zohi Pal*

**Controller of Examinations**

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
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DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [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 "Not Computed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				<b>Percentage Conversion Formula:</b> = (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)	



**THE UNIVERSITY OF BURDWAN**  
**B.SC. 3-YEAR DEGREE GENERAL FINAL EXAMINATION 2024 UNDER CBCS**  
**GRADE CARD**

Name: RANA CHOWDHURY

Roll No. 210611010012

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	MATHEMATICS	CC-1A	Differential Calculus	9	6	54	2021	8.45	Q
	CHEMISTRY	CC-2A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2021		
	PHYSICS	CC-3A	Mechanics	9	6	54	2021		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2021		
II	MATHEMATICS	CC-1B	Differential Equations	9	6	54	2022	8.70	Q
	CHEMISTRY	CC-2B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2022		
	PHYSICS	CC-3B	Electricity and Magnetism	8	6	48	2022		
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2022		
III	MATHEMATICS	CC-1C	Real Analysis	5	6	30	2022	5.90	Q
	CHEMISTRY	CC-2C	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2022		
	PHYSICS	CC-3C	Thermal Physics and Statistical Mechanics	6	6	36	2022		
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	8	2	16	2022		
IV	MATHEMATICS	CC-1D	Algebra	4	6	24	2023	5.80	Q
	CHEMISTRY	CC-2D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2023		
	PHYSICS	CC-3D	Waves and Optics	6	6	36	2023		
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	7	2	14	2023		
V	MATHEMATICS	DSE-1A	Matrices	7	6	42	2023	6.60	Q
	CHEMISTRY	DSE-2A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	8	6	48	2023		
	PHYSICS	DSE-3A	Elements of Modern Physics	5	6	30	2023		
	PHYSICS	SEC-3	Computational Physics Skills	6	2	12	2023		
VI	MATHEMATICS	DSE-1B	Linear Programming	7	6	42	2024	6.80	Q
	CHEMISTRY	DSE-2B	Functional Group Organic Chemistry and Industrial Chemistry	6	6	36	2024		
	PHYSICS	DSE-3B	Digital, Analog and Instrumentation	7	6	42	2024		
	CHEMISTRY	SEC-4	Polymer Chemistry	8	2	16	2024		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>7.07</b>						<b>Letter Grade in CGPA : A</b>		<b>Result : Q</b>	

Date of Publication of Result : 18.09.2024

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

$$CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

*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 [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 "Not Computed" 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
	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 GENERAL FINAL EXAMINATION 2024 UNDER CBCS**  
**GRADE CARD**

Name: **SASHI KANTA GHOSH**Roll No. **210611010014**

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	PHYSICS	CC-1A	Mechanics	10	6	60	2021	8.73	Q
	CHEMISTRY	CC-2A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2021		
	MATHEMATICS	CC-3A	Differential Calculus	9	6	54	2021		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2021		
II	PHYSICS	CC-1B	Electricity and Magnetism	8	6	48	2022	9.00	Q
	CHEMISTRY	CC-2B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2022		
	MATHEMATICS	CC-3B	Differential Equations	10	6	60	2022		
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2022		
III	PHYSICS	CC-1C	Thermal Physics and Statistical Mechanics	7	6	42	2022	6.40	Q
	CHEMISTRY	CC-2C	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2022		
	MATHEMATICS	CC-3C	Real Analysis	6	6	36	2022		
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	7	2	14	2022		
IV	PHYSICS	CC-1D	Waves and Optics	5	6	30	2023	5.90	Q
	CHEMISTRY	CC-2D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2023		
	MATHEMATICS	CC-3D	Algebra	5	6	30	2023		
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	8	2	16	2023		
V	PHYSICS	DSE-1A	Elements of Modern Physics	5	6	30	2023	6.60	Q
	CHEMISTRY	DSE-2A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	8	6	48	2023		
	MATHEMATICS	DSE-3A	Matrices	7	6	42	2023		
	PHYSICS	SEC-3	Computational Physics Skills	6	2	12	2023		
VI	PHYSICS	DSE-1B	Digital, Analog and Instrumentation	7	6	42	2024	7.10	Q
	CHEMISTRY	DSE-2B	Functional Group Organic Chemistry and Industrial Chemistry	6	6	36	2024		
	MATHEMATICS	DSE-3B	Linear Programming	8	6	48	2024		
	CHEMISTRY	SEC-4	Polymer Chemistry	8	2	16	2024		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>7.31</b>						<b>Letter Grade in CGPA : A</b>		<b>Result : Q</b>	

Date of Publication of Result : 18.09.2024

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

*Anindya Zohi Pal*

**Controller of Examinations**

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					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 [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 "Not Computed" 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
	Grade Point	Percentage	
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 GENERAL FINAL EXAMINATION 2024 UNDER CBCS**  
**GRADE CARD**

Name: SUDIPTA PAL

Roll No. 210611010018

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	PHYSICS	CC-1A	Mechanics	9	6	54	2021	8.45	Q
	CHEMISTRY	CC-2A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2021		
	MATHEMATICS	CC-3A	Differential Calculus	9	6	54	2021		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2021		
II	PHYSICS	CC-1B	Electricity and Magnetism	9	6	54	2022	9.10	Q
	CHEMISTRY	CC-2B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2022		
	MATHEMATICS	CC-3B	Differential Equations	9	6	54	2022		
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2022		
III	PHYSICS	CC-1C	Thermal Physics and Statistical Mechanics	7	6	42	2022	6.20	Q
	CHEMISTRY	CC-2C	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2022		
	MATHEMATICS	CC-3C	Real Analysis	5	6	30	2022		
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	8	2	16	2022		
IV	PHYSICS	CC-1D	Waves and Optics	5	6	30	2023	6.10	Q
	CHEMISTRY	CC-2D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2023		
	MATHEMATICS	CC-3D	Algebra	5	6	30	2023		
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	7	2	14	2023		
V	PHYSICS	DSE-1A	Elements of Modern Physics	6	6	36	2023	7.30	Q
	CHEMISTRY	DSE-2A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	9	6	54	2023		
	MATHEMATICS	DSE-3A	Matrices	7	6	42	2023		
	PHYSICS	SEC-3	Computational Physics Skills	7	2	14	2023		
VI	PHYSICS	DSE-1B	Digital, Analog and Instrumentation	8	6	48	2024	7.20	Q
	CHEMISTRY	DSE-2B	Functional Group Organic Chemistry and Industrial Chemistry	6	6	36	2024		
	MATHEMATICS	DSE-3B	Linear Programming	7	6	42	2024		
	CHEMISTRY	SEC-4	Polymer Chemistry	9	2	18	2024		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>7.41</b>						<b>Letter Grade in CGPA : A</b>		<b>Result : Q</b>	

Date of Publication of Result : 18.09.2024

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

$$CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

*Anindya Zohi Pal*

**Controller of Examinations**

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
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DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [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 "Not Computed" 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
	Grade Point	Percentage	
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)