



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

Name: ANJISHNU MUKHOPADHYAY

Roll No. 200313520001

Honours: BIOTECHNOLOGY										
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	BIOTECHNOLOGY	CC-1	Biochemistry and Metabolism	7	6	42	2021	7.50	7.73	Q
		CC-2	Cell Biology	8	6	48	2021			
	BIOTECHNOLOGY	GE-1	Human Welfare	8	6	48	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2021			
II	BIOTECHNOLOGY	CC-3	Mammalian Physiology	8	6	48	2021	8.50	7.90	Q
		CC-4	Plant Physiology	9	6	54	2021			
	BIOTECHNOLOGY	GE-2	Biophysics & Instrumentation	8	6	48	2021			
	Communicative English/MIL	AECC-2	Communicative English	4	2	8	2021			
III	BIOTECHNOLOGY	CC-5	Genetics	9	6	54	2021	9.33	9.46	Q
		CC-6	General Microbiology	9	6	54	2021			
	BIOTECHNOLOGY	GE-3	Entrepreneurship Development	10	6	60	2021			
	BIOTECHNOLOGY	SEC-1	Molecular Diagnostics	9	2	18	2021			
IV	BIOTECHNOLOGY	CC-8	Molecular Biology	9	6	54	2022	9.67	9.69	Q
		CC-9	Immunology	10	6	60	2022			
	BIOTECHNOLOGY	GE-4	Human Genetics	10	6	60	2022			
	BIOTECHNOLOGY	SEC-2	Basics of Forensic Sciences	9	2	18	2022			
V	BIOTECHNOLOGY	CC-11	Bioprocess Technology	10	6	60	2022	9.25	9.25	Q
		CC-12	Recombinant Biotechnology	9	6	54	2022			
	BIOTECHNOLOGY	DSE-1	Animal Biotechnology	9	6	54	2022			
		DSE-2	Bioinformatics	9	6	54	2022			
VI	BIOTECHNOLOGY	CC-13	Bio analytical Tools	9	6	54	2023	9.00	9.00	Q
		CC-14	Genomics & Proteomics	9	6	54	2023			
	BIOTECHNOLOGY	DSE-3	Environmental Biotechnology	9	6	54	2023			
		DSE-4	Intellectual Property Rights	9	6	54	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>9.00</b>							<b>Letter Grade in CGPA : O</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.90</b>										

Date of Publication of Result : 25.08.2023


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

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

*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				<b>Percentage Conversion Formula:</b> = (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: ARGHA CHATTERJEE

Roll No. 200313520003

Honours: BIOTECHNOLOGY										
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	BIOTECHNOLOGY	CC-1	Biochemistry and Metabolism	8	6	48	2020	8.50	8.36	Q
		CC-2	Cell Biology	9	6	54	2020			
	BIOTECHNOLOGY	GE-1	Human Welfare	7	6	42	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	10	4	40	2020			
II	BIOTECHNOLOGY	CC-3	Mammalian Physiology	9	6	54	2021	9.00	9.00	Q
		CC-4	Plant Physiology	9	6	54	2021			
	BIOTECHNOLOGY	GE-2	Biophysics & Instrumentation	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
III	BIOTECHNOLOGY	CC-5	Genetics	8	6	48	2021	8.33	8.62	Q
		CC-6	General Microbiology	8	6	48	2021			
		CC-7	Chemistry-1	9	6	54	2021			
	BIOTECHNOLOGY	GE-3	Entrepreneurship Development	9	6	54	2021			
	BIOTECHNOLOGY	SEC-1	Molecular Diagnostics	10	2	20	2021			
IV	BIOTECHNOLOGY	CC-8	Molecular Biology	9	6	54	2022	8.67	8.77	Q
		CC-9	Immunology	8	6	48	2022			
		CC-10	Chemistry-II	9	6	54	2022			
	BIOTECHNOLOGY	GE-4	Human Genetics	9	6	54	2022			
	BIOTECHNOLOGY	SEC-2	Basics of Forensic Sciences	9	2	18	2022			
V	BIOTECHNOLOGY	CC-11	Bioprocess Technology	9	6	54	2022	8.50	8.50	Q
		CC-12	Recombinant Biotechnology	8	6	48	2022			
	BIOTECHNOLOGY	DSE-1	Animal Biotechnology	8	6	48	2022			
		DSE-2	Bioinformatics	9	6	54	2022			
VI	BIOTECHNOLOGY	CC-13	Bio analytical Tools	9	6	54	2023	8.75	8.75	Q
		CC-14	Genomics & Proteomics	9	6	54	2023			
	BIOTECHNOLOGY	DSE-3	Environmental Biotechnology	8	6	48	2023			
		DSE-4	Intellectual Property Rights	9	6	54	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>8.61</b>							<b>Letter Grade in CGPA : A+</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.66</b>										


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				<b>Percentage Conversion Formula:</b> = (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: **DEBARGHA BHADURY**Roll No. **200313520004**Honours: **BIOTECHNOLOGY**

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	BIOTECHNOLOGY	CC-1	Biochemistry and Metabolism	8	6	48	2020	9.00	9.18	Q
		CC-2	Cell Biology	10	6	60	2020			
	BIOTECHNOLOGY	GE-1	Human Welfare	9	6	54	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	10	4	40	2020			
II	BIOTECHNOLOGY	CC-3	Mammalian Physiology	10	6	60	2021	10.00	10.00	Q
		CC-4	Plant Physiology	10	6	60	2021			
	BIOTECHNOLOGY	GE-2	Biophysics & Instrumentation	10	6	60	2021			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2021			
III	BIOTECHNOLOGY	CC-5	Genetics	9	6	54	2021	9.33	9.38	Q
		CC-6	General Microbiology	10	6	60	2021			
	BIOTECHNOLOGY	GE-3	Entrepreneurship Development	10	6	60	2021			
	BIOTECHNOLOGY	SEC-1	Molecular Diagnostics	8	2	16	2021			
IV	BIOTECHNOLOGY	CC-8	Molecular Biology	9	6	54	2022	9.33	9.46	Q
		CC-9	Immunology	10	6	60	2022			
	BIOTECHNOLOGY	GE-4	Human Genetics	10	6	60	2022			
	BIOTECHNOLOGY	SEC-2	Basics of Forensic Sciences	9	2	18	2022			
V	BIOTECHNOLOGY	CC-11	Bioprocess Technology	9	6	54	2022	8.75	8.75	Q
		CC-12	Recombinant Biotechnology	9	6	54	2022			
	BIOTECHNOLOGY	DSE-1	Animal Biotechnology	9	6	54	2022			
		DSE-2	Bioinformatics	8	6	48	2022			
VI	BIOTECHNOLOGY	CC-13	Bio analytical Tools	8	6	48	2023	8.00	8.00	Q
		CC-14	Genomics & Proteomics	8	6	48	2023			
	BIOTECHNOLOGY	DSE-3	Environmental Biotechnology	8	6	48	2023			
		DSE-4	Intellectual Property Rights	8	6	48	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>8.94</b>							<b>Letter Grade in CGPA : A+</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>9.11</b>										

Date of Publication of Result : 25.08.2023

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

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

*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: **DEBJIT BANERJEE**Roll No. **200313520005**Honours: **BIOTECHNOLOGY**

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	BIOTECHNOLOGY	CC-1	Biochemistry and Metabolism	8	6	48	2020	9.00	9.00	Q
		CC-2	Cell Biology	10	6	60	2020			
	BIOTECHNOLOGY	GE-1	Human Welfare	9	6	54	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	BIOTECHNOLOGY	CC-3	Mammalian Physiology	10	6	60	2021	10.00	9.60	Q
		CC-4	Plant Physiology	10	6	60	2021			
	BIOTECHNOLOGY	GE-2	Biophysics & Instrumentation	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
III	BIOTECHNOLOGY	CC-5	Genetics	8	6	48	2021	8.67	8.92	Q
		CC-6	General Microbiology	9	6	54	2021			
		CC-7	Chemistry-1	9	6	54	2021			
	BIOTECHNOLOGY	GE-3	Entrepreneurship Development	10	6	60	2021			
	BIOTECHNOLOGY	SEC-1	Molecular Diagnostics	8	2	16	2021			
IV	BIOTECHNOLOGY	CC-8	Molecular Biology	9	6	54	2022	9.00	8.92	Q
		CC-9	Immunology	9	6	54	2022			
		CC-10	Chemistry-II	9	6	54	2022			
	BIOTECHNOLOGY	GE-4	Human Genetics	9	6	54	2022			
	BIOTECHNOLOGY	SEC-2	Basics of Forensic Sciences	8	2	16	2022			
V	BIOTECHNOLOGY	CC-11	Bioprocess Technology	9	6	54	2022	8.00	8.00	Q
		CC-12	Recombinant Biotechnology	8	6	48	2022			
	BIOTECHNOLOGY	DSE-1	Animal Biotechnology	7	6	42	2022			
		DSE-2	Bioinformatics	8	6	48	2022			
		CC-13	Bio analytical Tools	9	6	54	2023			
VI	BIOTECHNOLOGY	CC-14	Genomics & Proteomics	8	6	48	2023	8.25	8.25	Q
		BIOTECHNOLOGY	DSE-3	Environmental Biotechnology	7	6	42			
	BIOTECHNOLOGY		DSE-4	Intellectual Property Rights	9	6	54			
		CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>8.67</b>								
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.76</b>										

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 "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 *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: **DIP DAS**Roll No. **200313520006**Honours: **BIOTECHNOLOGY**

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	BIOTECHNOLOGY	CC-1	Biochemistry and Metabolism	8	6	48	2020	9.00	8.91	Q
		CC-2	Cell Biology	10	6	60	2020			
	BIOTECHNOLOGY	GE-1	Human Welfare	8	6	48	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	10	4	40	2020			
II	BIOTECHNOLOGY	CC-3	Mammalian Physiology	10	6	60	2021	10.00	10.00	Q
		CC-4	Plant Physiology	10	6	60	2021			
	BIOTECHNOLOGY	GE-2	Biophysics & Instrumentation	10	6	60	2021			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2021			
III	BIOTECHNOLOGY	CC-5	Genetics	9	6	54	2021	9.00	9.15	Q
		CC-6	General Microbiology	9	6	54	2021			
		CC-7	Chemistry-1	9	6	54	2021			
	BIOTECHNOLOGY	GE-3	Entrepreneurship Development	10	6	60	2021			
	BIOTECHNOLOGY	SEC-1	Molecular Diagnostics	8	2	16	2021			
IV	BIOTECHNOLOGY	CC-8	Molecular Biology	9	6	54	2022	9.33	9.54	Q
		CC-9	Immunology	10	6	60	2022			
		CC-10	Chemistry-II	9	6	54	2022			
	BIOTECHNOLOGY	GE-4	Human Genetics	10	6	60	2022			
	BIOTECHNOLOGY	SEC-2	Basics of Forensic Sciences	10	2	20	2022			
V	BIOTECHNOLOGY	CC-11	Bioprocess Technology	10	6	60	2022	9.25	9.25	Q
		CC-12	Recombinant Biotechnology	9	6	54	2022			
	BIOTECHNOLOGY	DSE-1	Animal Biotechnology	9	6	54	2022			
		DSE-2	Bioinformatics	9	6	54	2022			
VI	BIOTECHNOLOGY	CC-13	Bio analytical Tools	9	6	54	2023	9.25	9.25	Q
		CC-14	Genomics & Proteomics	9	6	54	2023			
	BIOTECHNOLOGY	DSE-3	Environmental Biotechnology	9	6	54	2023			
		DSE-4	Intellectual Property Rights	10	6	60	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>9.28</b>							<b>Letter Grade in CGPA : O</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>9.34</b>										

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
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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)



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

Name: GARGI MAJUMDER

Roll No. 200313520007

## Honours: BIOTECHNOLOGY

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	
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		CC-2	Cell Biology	9	6	54	2020			
	BIOTECHNOLOGY	GE-1	Human Welfare	9	6	54	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	10	4	40	2020			
II	BIOTECHNOLOGY	CC-3	Mammalian Physiology	10	6	60	2021	10.00	10.00	Q
		CC-4	Plant Physiology	10	6	60	2021			
	BIOTECHNOLOGY	GE-2	Biophysics & Instrumentation	10	6	60	2021			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2021			
III	BIOTECHNOLOGY	CC-5	Genetics	9	6	54	2021	9.33	9.46	Q
		CC-6	General Microbiology	9	6	54	2021			
	BIOTECHNOLOGY	GE-3	Entrepreneurship Development	10	6	60	2021			
	BIOTECHNOLOGY	SEC-1	Molecular Diagnostics	9	2	18	2021			
IV	BIOTECHNOLOGY	CC-8	Molecular Biology	9	6	54	2022	9.33	9.46	Q
		CC-9	Immunology	10	6	60	2022			
	BIOTECHNOLOGY	GE-4	Human Genetics	10	6	60	2022			
	BIOTECHNOLOGY	SEC-2	Basics of Forensic Sciences	9	2	18	2022			
V	BIOTECHNOLOGY	CC-11	Bioprocess Technology	10	6	60	2022	9.00	9.00	Q
		CC-12	Recombinant Biotechnology	9	6	54	2022			
	BIOTECHNOLOGY	DSE-1	Animal Biotechnology	9	6	54	2022			
	BIOTECHNOLOGY	DSE-2	Bioinformatics	8	6	48	2022			
VI	BIOTECHNOLOGY	CC-13	Bio analytical Tools	9	6	54	2023	8.50	8.50	Q
		CC-14	Genomics & Proteomics	8	6	48	2023			
	BIOTECHNOLOGY	DSE-3	Environmental Biotechnology	8	6	48	2023			
	BIOTECHNOLOGY	DSE-4	Intellectual Property Rights	9	6	54	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>9.11</b>							<b>Letter Grade in CGPA : O</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>9.25</b>										

Date of Publication of Result : 25.08.2023

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

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

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
	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 HONOURS FINAL EXAMINATION 2023 UNDER CBCS**  
**GRADE CARD**

Name: MD AJMAL HOSSAIN

Roll No. 200313520009

## Honours: BIOTECHNOLOGY

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	BIOTECHNOLOGY	CC-1	Biochemistry and Metabolism	9	6	54	2020	9.50	9.45	Q
		CC-2	Cell Biology	10	6	60	2020			
	BIOTECHNOLOGY	GE-1	Human Welfare	9	6	54	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	10	4	40	2020			
II	BIOTECHNOLOGY	CC-3	Mammalian Physiology	10	6	60	2021	10.00	10.00	Q
		CC-4	Plant Physiology	10	6	60	2021			
	BIOTECHNOLOGY	GE-2	Biophysics & Instrumentation	10	6	60	2021			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2021			
III	BIOTECHNOLOGY	CC-5	Genetics	9	6	54	2021	9.33	9.46	Q
		CC-6	General Microbiology	10	6	60	2021			
	BIOTECHNOLOGY	GE-3	Entrepreneurship Development	10	6	60	2021			
	BIOTECHNOLOGY	SEC-1	Molecular Diagnostics	9	2	18	2021			
IV	BIOTECHNOLOGY	CC-8	Molecular Biology	9	6	54	2022	9.67	9.77	Q
		CC-9	Immunology	10	6	60	2022			
	BIOTECHNOLOGY	GE-4	Human Genetics	10	6	60	2022			
	BIOTECHNOLOGY	SEC-2	Basics of Forensic Sciences	10	2	20	2022			
V	BIOTECHNOLOGY	CC-11	Bioprocess Technology	10	6	60	2022	9.25	9.25	Q
		CC-12	Recombinant Biotechnology	9	6	54	2022			
	BIOTECHNOLOGY	DSE-1	Animal Biotechnology	9	6	54	2022			
	BIOTECHNOLOGY	DSE-2	Bioinformatics	9	6	54	2022			
VI	BIOTECHNOLOGY	CC-13	Bio analytical Tools	9	6	54	2023	9.25	9.25	Q
		CC-14	Genomics & Proteomics	9	6	54	2023			
	BIOTECHNOLOGY	DSE-3	Environmental Biotechnology	9	6	54	2023			
	BIOTECHNOLOGY	DSE-4	Intellectual Property Rights	10	6	60	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>9.44</b>							<b>Letter Grade in CGPA : O</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>9.52</b>										

Date of Publication of Result : 25.08.2023


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

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

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				<b>Percentage Conversion Formula:</b> = (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: NABAMITA KARAR

Roll No. 200313520011

## Honours: BIOTECHNOLOGY

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	BIOTECHNOLOGY	CC-1	Biochemistry and Metabolism	7	6	42	2020	8.00	7.91	Q
		CC-2	Cell Biology	9	6	54	2020			
	BIOTECHNOLOGY	GE-1	Human Welfare	7	6	42	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	BIOTECHNOLOGY	CC-3	Mammalian Physiology	9	6	54	2021	9.00	9.00	Q
		CC-4	Plant Physiology	9	6	54	2021			
	BIOTECHNOLOGY	GE-2	Biophysics & Instrumentation	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
III	BIOTECHNOLOGY	CC-5	Genetics	9	6	54	2021	9.00	9.15	Q
		CC-6	General Microbiology	9	6	54	2021			
		CC-7	Chemistry-1	9	6	54	2021			
	BIOTECHNOLOGY	GE-3	Entrepreneurship Development	10	6	60	2021			
BIOTECHNOLOGY	SEC-1	Molecular Diagnostics	8	2	16	2021				
IV	BIOTECHNOLOGY	CC-8	Molecular Biology	9	6	54	2022	9.00	9.00	Q
		CC-9	Immunology	9	6	54	2022			
		CC-10	Chemistry-II	9	6	54	2022			
	BIOTECHNOLOGY	GE-4	Human Genetics	9	6	54	2022			
BIOTECHNOLOGY	SEC-2	Basics of Forensic Sciences	9	2	18	2022				
V	BIOTECHNOLOGY	CC-11	Bioprocess Technology	9	6	54	2022	8.25	8.25	Q
		CC-12	Recombinant Biotechnology	8	6	48	2022			
	BIOTECHNOLOGY	DSE-1	Animal Biotechnology	9	6	54	2022			
		DSE-2	Bioinformatics	7	6	42	2022			
VI	BIOTECHNOLOGY	CC-13	Bio analytical Tools	8	6	48	2023	8.75	8.75	Q
		CC-14	Genomics & Proteomics	8	6	48	2023			
		BIOTECHNOLOGY	DSE-3	Environmental Biotechnology	9	6	54			
	BIOTECHNOLOGY	DSE-4	Intellectual Property Rights	10	6	60	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>8.67</b>							<b>Letter Grade in CGPA : A+</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.69</b>										

Date of Publication of Result : 25.08.2023

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

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

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course	9 and above	O (Outstanding)	5 to below 6	B (Average)	Q – Qualified
GE – Generic Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	7 to below 8	A (Very Good)	Below 4	F (Fail)	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	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)

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 2023 UNDER CBCS**  
**GRADE CARD**

Name: **NANDINI BHATTACHARJEE**Roll No. **200313520012**

Honours: BIOTECHNOLOGY										
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	BIOTECHNOLOGY	CC-1	Biochemistry and Metabolism	7	6	42	2020	8.00	8.18	Q
		CC-2	Cell Biology	9	6	54	2020			
	BIOTECHNOLOGY	GE-1	Human Welfare	8	6	48	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	BIOTECHNOLOGY	CC-3	Mammalian Physiology	9	6	54	2021	9.00	9.00	Q
		CC-4	Plant Physiology	9	6	54	2021			
	BIOTECHNOLOGY	GE-2	Biophysics & Instrumentation	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
III	BIOTECHNOLOGY	CC-5	Genetics	7	6	42	2021	7.67	8.23	Q
		CC-6	General Microbiology	7	6	42	2021			
	BIOTECHNOLOGY	GE-3	Entrepreneurship Development	10	6	60	2021			
	BIOTECHNOLOGY	SEC-1	Molecular Diagnostics	8	2	16	2021			
IV	BIOTECHNOLOGY	CC-8	Molecular Biology	8	6	48	2022	8.33	8.23	Q
		CC-9	Immunology	8	6	48	2022			
	BIOTECHNOLOGY	GE-4	Human Genetics	8	6	48	2022			
	BIOTECHNOLOGY	SEC-2	Basics of Forensic Sciences	8	2	16	2022			
V	BIOTECHNOLOGY	CC-11	Bioprocess Technology	8	6	48	2022	7.25	7.25	Q
		CC-12	Recombinant Biotechnology	7	6	42	2022			
	BIOTECHNOLOGY	DSE-1	Animal Biotechnology	7	6	42	2022			
		DSE-2	Bioinformatics	7	6	42	2022			
VI	BIOTECHNOLOGY	CC-13	Bio analytical Tools	7	6	42	2023	7.75	7.75	Q
		CC-14	Genomics & Proteomics	8	6	48	2023			
	BIOTECHNOLOGY	DSE-3	Environmental Biotechnology	8	6	48	2023			
		DSE-4	Intellectual Property Rights	8	6	48	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>7.89</b>							<b>Letter Grade in CGPA : A</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.08</b>										

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
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course	9 and above	O (Outstanding)	5 to below 6	B (Average)	Q – Qualified
GE – Generic Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	7 to below 8	A (Very Good)	Below 4	F (Fail)	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	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:			
	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: **NEHA TIWARY**Roll No. **200313520013**Honours: **BIOTECHNOLOGY**

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	BIOTECHNOLOGY	CC-1	Biochemistry and Metabolism	7	6	42	2020	8.50	8.18	Q
		CC-2	Cell Biology	10	6	60	2020			
	BIOTECHNOLOGY	GE-1	Human Welfare	7	6	42	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	BIOTECHNOLOGY	CC-3	Mammalian Physiology	9	6	54	2021	9.00	9.00	Q
		CC-4	Plant Physiology	9	6	54	2021			
	BIOTECHNOLOGY	GE-2	Biophysics & Instrumentation	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
III	BIOTECHNOLOGY	CC-5	Genetics	8	6	48	2021	8.33	8.38	Q
		CC-6	General Microbiology	8	6	48	2021			
	BIOTECHNOLOGY	GE-3	Entrepreneurship Development	9	6	54	2021			
	BIOTECHNOLOGY	SEC-1	Molecular Diagnostics	7	2	14	2021			
IV	BIOTECHNOLOGY	CC-8	Molecular Biology	8	6	48	2022	8.67	8.69	Q
		CC-9	Immunology	9	6	54	2022			
	BIOTECHNOLOGY	GE-4	Human Genetics	9	6	54	2022			
	BIOTECHNOLOGY	SEC-2	Basics of Forensic Sciences	8	2	16	2022			
V	BIOTECHNOLOGY	CC-11	Bioprocess Technology	7	6	42	2022	7.25	7.25	Q
		CC-12	Recombinant Biotechnology	7	6	42	2022			
	BIOTECHNOLOGY	DSE-1	Animal Biotechnology	8	6	48	2022			
	BIOTECHNOLOGY	DSE-2	Bioinformatics	7	6	42	2022			
VI	BIOTECHNOLOGY	CC-13	Bio analytical Tools	7	6	42	2023	7.50	7.50	Q
		CC-14	Genomics & Proteomics	8	6	48	2023			
	BIOTECHNOLOGY	DSE-3	Environmental Biotechnology	7	6	42	2023			
	BIOTECHNOLOGY	DSE-4	Intellectual Property Rights	8	6	48	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>8.06</b>							<b>Letter Grade in CGPA : A+</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.15</b>										

Date of Publication of Result : 25.08.2023

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

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

*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
	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 HONOURS FINAL EXAMINATION 2023 UNDER CBCS**  
**GRADE CARD**

Name: **PAYAL SAHA**Roll No. **200313520014**Honours: **BIOTECHNOLOGY**

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	BIOTECHNOLOGY	CC-1	Biochemistry and Metabolism	8	6	48	2020	8.50	8.45	Q
		CC-2	Cell Biology	9	6	54	2020			
	BIOTECHNOLOGY	GE-1	Human Welfare	8	6	48	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	BIOTECHNOLOGY	CC-3	Mammalian Physiology	10	6	60	2021	10.00	9.60	Q
		CC-4	Plant Physiology	10	6	60	2021			
	BIOTECHNOLOGY	GE-2	Biophysics & Instrumentation	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
III	BIOTECHNOLOGY	CC-5	Genetics	8	6	48	2021	8.33	8.69	Q
		CC-6	General Microbiology	8	6	48	2021			
		CC-7	Chemistry-1	9	6	54	2021			
	BIOTECHNOLOGY	GE-3	Entrepreneurship Development	10	6	60	2021			
	BIOTECHNOLOGY	SEC-1	Molecular Diagnostics	8	2	16	2021			
IV	BIOTECHNOLOGY	CC-8	Molecular Biology	8	6	48	2022	8.67	8.77	Q
		CC-9	Immunology	9	6	54	2022			
		CC-10	Chemistry-II	9	6	54	2022			
	BIOTECHNOLOGY	GE-4	Human Genetics	9	6	54	2022			
	BIOTECHNOLOGY	SEC-2	Basics of Forensic Sciences	9	2	18	2022			
V	BIOTECHNOLOGY	CC-11	Bioprocess Technology	7	6	42	2022	7.25	7.25	Q
		CC-12	Recombinant Biotechnology	7	6	42	2022			
	BIOTECHNOLOGY	DSE-1	Animal Biotechnology	7	6	42	2022			
		DSE-2	Bioinformatics	8	6	48	2022			
VI	BIOTECHNOLOGY	CC-13	Bio analytical Tools	7	6	42	2023	7.75	7.75	Q
		CC-14	Genomics & Proteomics	8	6	48	2023			
	BIOTECHNOLOGY	DSE-3	Environmental Biotechnology	8	6	48	2023			
		DSE-4	Intellectual Property Rights	8	6	48	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>8.22</b>							<b>Letter Grade in CGPA : A+</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.39</b>										

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
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course	9 and above	O (Outstanding)	5 to below 6	B (Average)	Q – Qualified
GE – Generic Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	7 to below 8	A (Very Good)	Below 4	F (Fail)	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	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
	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 HONOURS FINAL EXAMINATION 2023 UNDER CBCS**  
**GRADE CARD**

Name: **POUSHALI ROY**Roll No. **200313520015**

Honours: BIOTECHNOLOGY										
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	BIOTECHNOLOGY	CC-1	Biochemistry and Metabolism	8	6	48	2020	9.00	8.73	Q
		CC-2	Cell Biology	10	6	60	2020			
	BIOTECHNOLOGY	GE-1	Human Welfare	8	6	48	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	BIOTECHNOLOGY	CC-3	Mammalian Physiology	9	6	54	2021	9.50	9.30	Q
		CC-4	Plant Physiology	10	6	60	2021			
	BIOTECHNOLOGY	GE-2	Biophysics & Instrumentation	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
III	BIOTECHNOLOGY	CC-5	Genetics	8	6	48	2021	8.33	8.62	Q
		CC-6	General Microbiology	8	6	48	2021			
	BIOTECHNOLOGY	GE-3	Entrepreneurship Development	10	6	60	2021			
	BIOTECHNOLOGY	SEC-1	Molecular Diagnostics	7	2	14	2021			
IV	BIOTECHNOLOGY	CC-8	Molecular Biology	7	6	42	2022	7.67	7.38	Q
		CC-9	Immunology	7	6	42	2022			
	BIOTECHNOLOGY	GE-4	Human Genetics	7	6	42	2022			
	BIOTECHNOLOGY	SEC-2	Basics of Forensic Sciences	6	2	12	2022			
V	BIOTECHNOLOGY	CC-11	Bioprocess Technology	6	6	36	2022	6.25	6.25	Q
		CC-12	Recombinant Biotechnology	6	6	36	2022			
	BIOTECHNOLOGY	DSE-1	Animal Biotechnology	6	6	36	2022			
		DSE-2	Bioinformatics	7	6	42	2022			
VI	BIOTECHNOLOGY	CC-13	Bio analytical Tools	6	6	36	2023	6.75	6.75	Q
		CC-14	Genomics & Proteomics	6	6	36	2023			
	BIOTECHNOLOGY	DSE-3	Environmental Biotechnology	7	6	42	2023			
		DSE-4	Intellectual Property Rights	8	6	48	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>7.61</b>							<b>Letter Grade in CGPA : A</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>7.79</b>										

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
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course	9 and above	O (Outstanding)	5 to below 6	B (Average)	Q – Qualified
GE – Generic Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	7 to below 8	A (Very Good)	Below 4	F (Fail)	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	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
	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 HONOURS FINAL EXAMINATION 2023 UNDER CBCS**  
**GRADE CARD**

Name: **PRIYANKA CHOWDHURY**Roll No. **200313520016**Honours: **BIOTECHNOLOGY**

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	BIOTECHNOLOGY	CC-1	Biochemistry and Metabolism	8	6	48	2020	8.50	8.73	Q
		CC-2	Cell Biology	9	6	54	2020			
	BIOTECHNOLOGY	GE-1	Human Welfare	9	6	54	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	BIOTECHNOLOGY	CC-3	Mammalian Physiology	10	6	60	2021	9.50	9.30	Q
		CC-4	Plant Physiology	9	6	54	2021			
	BIOTECHNOLOGY	GE-2	Biophysics & Instrumentation	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
III	BIOTECHNOLOGY	CC-5	Genetics	9	6	54	2021	8.33	8.46	Q
		CC-6	General Microbiology	7	6	42	2021			
		CC-7	Chemistry-1	9	6	54	2021			
	BIOTECHNOLOGY	GE-3	Entrepreneurship Development	9	6	54	2021			
BIOTECHNOLOGY	SEC-1	Molecular Diagnostics	8	2	16	2021				
IV	BIOTECHNOLOGY	CC-8	Molecular Biology	8	6	48	2022	8.33	8.54	Q
		CC-9	Immunology	8	6	48	2022			
		CC-10	Chemistry-II	9	6	54	2022			
	BIOTECHNOLOGY	GE-4	Human Genetics	9	6	54	2022			
BIOTECHNOLOGY	SEC-2	Basics of Forensic Sciences	9	2	18	2022				
V	BIOTECHNOLOGY	CC-11	Bioprocess Technology	8	6	48	2022	8.00	8.00	Q
		CC-12	Recombinant Biotechnology	8	6	48	2022			
	BIOTECHNOLOGY	DSE-1	Animal Biotechnology	8	6	48	2022			
		DSE-2	Bioinformatics	8	6	48	2022			
VI	BIOTECHNOLOGY	CC-13	Bio analytical Tools	7	6	42	2023	7.00	7.00	Q
		CC-14	Genomics & Proteomics	7	6	42	2023			
		BIOTECHNOLOGY	DSE-3	Environmental Biotechnology	7	6	42			
	DSE-4		Intellectual Property Rights	7	6	42	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>8.11</b>							<b>Letter Grade in CGPA : A+</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.31</b>										

Date of Publication of Result : 25.08.2023

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

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

*Anindya Zohi Pal*

**Controller of Examinations**

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course	9 and above	O (Outstanding)	5 to below 6	B (Average)	Q – Qualified
GE – Generic Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	7 to below 8	A (Very Good)	Below 4	F (Fail)	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	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
	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 HONOURS FINAL EXAMINATION 2023 UNDER CBCS**  
**GRADE CARD**

Name: SAIONDIP GHOSH

Roll No. 200313520018

## Honours: BIOTECHNOLOGY

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	BIOTECHNOLOGY	CC-1	Biochemistry and Metabolism	7	6	42	2020	8.00	8.18	Q
		CC-2	Cell Biology	9	6	54	2020			
	BIOTECHNOLOGY	GE-1	Human Welfare	8	6	48	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	BIOTECHNOLOGY	CC-3	Mammalian Physiology	9	6	54	2021	9.00	9.00	Q
		CC-4	Plant Physiology	9	6	54	2021			
	BIOTECHNOLOGY	GE-2	Biophysics & Instrumentation	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
III	BIOTECHNOLOGY	CC-5	Genetics	7	6	42	2021	7.33	7.46	Q
		CC-6	General Microbiology	7	6	42	2021			
	BIOTECHNOLOGY	GE-3	Entrepreneurship Development	8	6	48	2021			
	BIOTECHNOLOGY	SEC-1	Molecular Diagnostics	7	2	14	2021			
IV	BIOTECHNOLOGY	CC-8	Molecular Biology	9	6	54	2022	8.67	8.62	Q
		CC-9	Immunology	8	6	48	2022			
	BIOTECHNOLOGY	GE-4	Human Genetics	9	6	54	2022			
	BIOTECHNOLOGY	SEC-2	Basics of Forensic Sciences	7	2	14	2022			
V	BIOTECHNOLOGY	CC-11	Bioprocess Technology	9	6	54	2022	8.50	8.50	Q
		CC-12	Recombinant Biotechnology	9	6	54	2022			
	BIOTECHNOLOGY	DSE-1	Animal Biotechnology	8	6	48	2022			
	BIOTECHNOLOGY	DSE-2	Bioinformatics	8	6	48	2022			
VI	BIOTECHNOLOGY	CC-13	Bio analytical Tools	9	6	54	2023	8.25	8.25	Q
		CC-14	Genomics & Proteomics	8	6	48	2023			
	BIOTECHNOLOGY	DSE-3	Environmental Biotechnology	8	6	48	2023			
	BIOTECHNOLOGY	DSE-4	Intellectual Property Rights	8	6	48	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>8.28</b>							<b>Letter Grade in CGPA : A+</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.31</b>										

Date of Publication of Result : 25.08.2023

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

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

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
	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 HONOURS FINAL EXAMINATION 2023 UNDER CBCS**  
**GRADE CARD**

Name: SAKSHI SINGH

Roll No. 200313520019

Honours: BIOTECHNOLOGY										
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	BIOTECHNOLOGY	CC-1	Biochemistry and Metabolism	7	6	42	2020	8.50	8.45	Q
		CC-2	Cell Biology	10	6	60	2020			
	BIOTECHNOLOGY	GE-1	Human Welfare	8	6	48	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	BIOTECHNOLOGY	CC-3	Mammalian Physiology	9	6	54	2021	9.00	9.00	Q
		CC-4	Plant Physiology	9	6	54	2021			
	BIOTECHNOLOGY	GE-2	Biophysics & Instrumentation	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
III	BIOTECHNOLOGY	CC-5	Genetics	8	6	48	2021	8.67	9.00	Q
		CC-6	General Microbiology	9	6	54	2021			
	BIOTECHNOLOGY	GE-3	Entrepreneurship Development	10	6	60	2021			
	BIOTECHNOLOGY	SEC-1	Molecular Diagnostics	9	2	18	2021			
IV	BIOTECHNOLOGY	CC-8	Molecular Biology	8	6	48	2022	8.33	8.46	Q
		CC-9	Immunology	8	6	48	2022			
	BIOTECHNOLOGY	GE-4	Human Genetics	9	6	54	2022			
	BIOTECHNOLOGY	SEC-2	Basics of Forensic Sciences	8	2	16	2022			
V	BIOTECHNOLOGY	CC-11	Bioprocess Technology	5	6	30	2022	5.75	5.75	Q
		CC-12	Recombinant Biotechnology	6	6	36	2022			
	BIOTECHNOLOGY	DSE-1	Animal Biotechnology	7	6	42	2022			
	BIOTECHNOLOGY	DSE-2	Bioinformatics	5	6	30	2022			
VI	BIOTECHNOLOGY	CC-13	Bio analytical Tools	6	6	36	2023	5.25	5.25	Q
		CC-14	Genomics & Proteomics	5	6	30	2023			
	BIOTECHNOLOGY	DSE-3	Environmental Biotechnology	5	6	30	2023			
	BIOTECHNOLOGY	DSE-4	Intellectual Property Rights	5	6	30	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>7.22</b>							<b>Letter Grade in CGPA : A</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>7.63</b>										

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: SANKHANIL DHARA

Roll No. 200313520020

## Honours: BIOTECHNOLOGY

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	BIOTECHNOLOGY	CC-1	Biochemistry and Metabolism	8	6	48	2020	8.50	8.45	Q
		CC-2	Cell Biology	9	6	54	2020			
	BIOTECHNOLOGY	GE-1	Human Welfare	8	6	48	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	BIOTECHNOLOGY	CC-3	Mammalian Physiology	10	6	60	2021	9.50	9.30	Q
		CC-4	Plant Physiology	9	6	54	2021			
	BIOTECHNOLOGY	GE-2	Biophysics & Instrumentation	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
III	BIOTECHNOLOGY	CC-5	Genetics	8	6	48	2021	8.67	8.85	Q
		CC-6	General Microbiology	9	6	54	2021			
		CC-7	Chemistry-1	9	6	54	2021			
	BIOTECHNOLOGY	GE-3	Entrepreneurship Development	10	6	60	2021			
	BIOTECHNOLOGY	SEC-1	Molecular Diagnostics	7	2	14	2021			
IV	BIOTECHNOLOGY	CC-8	Molecular Biology	9	6	54	2022	9.00	8.92	Q
		CC-9	Immunology	9	6	54	2022			
		CC-10	Chemistry-II	9	6	54	2022			
	BIOTECHNOLOGY	GE-4	Human Genetics	9	6	54	2022			
	BIOTECHNOLOGY	SEC-2	Basics of Forensic Sciences	8	2	16	2022			
V	BIOTECHNOLOGY	CC-11	Bioprocess Technology	8	6	48	2022	7.50	7.50	Q
		CC-12	Recombinant Biotechnology	8	6	48	2022			
	BIOTECHNOLOGY	DSE-1	Animal Biotechnology	7	6	42	2022			
		DSE-2	Bioinformatics	7	6	42	2022			
VI	BIOTECHNOLOGY	CC-13	Bio analytical Tools	7	6	42	2023	7.00	7.00	Q
		CC-14	Genomics & Proteomics	7	6	42	2023			
	BIOTECHNOLOGY	DSE-3	Environmental Biotechnology	7	6	42	2023			
		DSE-4	Intellectual Property Rights	7	6	42	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>8.17</b>							<b>Letter Grade in CGPA : A+</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.32</b>										

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: **SHAIKH RUKHSAR KAMRUZZAMAN**Roll No. **200313520021**Honours: **BIOTECHNOLOGY**

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	BIOTECHNOLOGY	CC-1	Biochemistry and Metabolism	7	6	42	2020	8.00	8.00	Q
		CC-2	Cell Biology	9	6	54	2020			
	BIOTECHNOLOGY	GE-1	Human Welfare	8	6	48	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2020			
II	BIOTECHNOLOGY	CC-3	Mammalian Physiology	9	6	54	2021	9.00	9.00	Q
		CC-4	Plant Physiology	9	6	54	2021			
	BIOTECHNOLOGY	GE-2	Biophysics & Instrumentation	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
III	BIOTECHNOLOGY	CC-5	Genetics	8	6	48	2021	8.67	8.92	Q
		CC-6	General Microbiology	9	6	54	2021			
	BIOTECHNOLOGY	GE-3	Entrepreneurship Development	10	6	60	2021			
	BIOTECHNOLOGY	SEC-1	Molecular Diagnostics	8	2	16	2021			
IV	BIOTECHNOLOGY	CC-8	Molecular Biology	9	6	54	2022	9.33	9.46	Q
		CC-9	Immunology	10	6	60	2022			
	BIOTECHNOLOGY	GE-4	Human Genetics	10	6	60	2022			
	BIOTECHNOLOGY	SEC-2	Basics of Forensic Sciences	9	2	18	2022			
V	BIOTECHNOLOGY	CC-11	Bioprocess Technology	9	6	54	2022	9.00	9.00	Q
		CC-12	Recombinant Biotechnology	9	6	54	2022			
	BIOTECHNOLOGY	DSE-1	Animal Biotechnology	9	6	54	2022			
	BIOTECHNOLOGY	DSE-2	Bioinformatics	9	6	54	2022			
VI	BIOTECHNOLOGY	CC-13	Bio analytical Tools	9	6	54	2023	9.00	9.00	Q
		CC-14	Genomics & Proteomics	9	6	54	2023			
	BIOTECHNOLOGY	DSE-3	Environmental Biotechnology	9	6	54	2023			
	BIOTECHNOLOGY	DSE-4	Intellectual Property Rights	9	6	54	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>8.89</b>							<b>Letter Grade in CGPA : A+</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.92</b>										

Date of Publication of Result : 25.08.2023

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

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

*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
	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 HONOURS FINAL EXAMINATION 2023 UNDER CBCS**  
**GRADE CARD**

Name: **SOUMILI BISWAS**Roll No. **200313520022**

Honours: BIOTECHNOLOGY										
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	BIOTECHNOLOGY	CC-1	Biochemistry and Metabolism	9	6	54	2020	9.50	9.55	Q
		CC-2	Cell Biology	10	6	60	2020			
	BIOTECHNOLOGY	GE-1	Human Welfare	10	6	60	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	BIOTECHNOLOGY	CC-3	Mammalian Physiology	10	6	60	2021	10.00	10.00	Q
		CC-4	Plant Physiology	10	6	60	2021			
	BIOTECHNOLOGY	GE-2	Biophysics & Instrumentation	10	6	60	2021			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2021			
III	BIOTECHNOLOGY	CC-5	Genetics	9	6	54	2021	9.67	9.69	Q
		CC-6	General Microbiology	10	6	60	2021			
	BIOTECHNOLOGY	GE-3	Entrepreneurship Development	10	6	60	2021			
	BIOTECHNOLOGY	SEC-1	Molecular Diagnostics	9	2	18	2021			
IV	BIOTECHNOLOGY	CC-8	Molecular Biology	9	6	54	2022	9.33	9.46	Q
		CC-9	Immunology	10	6	60	2022			
	BIOTECHNOLOGY	GE-4	Human Genetics	10	6	60	2022			
	BIOTECHNOLOGY	SEC-2	Basics of Forensic Sciences	9	2	18	2022			
V	BIOTECHNOLOGY	CC-11	Bioprocess Technology	9	6	54	2022	8.25	8.25	Q
		CC-12	Recombinant Biotechnology	8	6	48	2022			
	BIOTECHNOLOGY	DSE-1	Animal Biotechnology	8	6	48	2022			
		DSE-2	Bioinformatics	8	6	48	2022			
VI	BIOTECHNOLOGY	CC-13	Bio analytical Tools	8	6	48	2023	7.50	7.50	Q
		CC-14	Genomics & Proteomics	7	6	42	2023			
	BIOTECHNOLOGY	DSE-3	Environmental Biotechnology	8	6	48	2023			
		DSE-4	Intellectual Property Rights	7	6	42	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>8.83</b>							<b>Letter Grade in CGPA : A+</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>9.06</b>										

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
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course	9 and above	O (Outstanding)	5 to below 6	B (Average)	Q – Qualified
GE – Generic Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	7 to below 8	A (Very Good)	Below 4	F (Fail)	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	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
	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 HONOURS FINAL EXAMINATION 2023 UNDER CBCS**  
**GRADE CARD**

Name: SUBHANGI DUTTA GUPTA

Roll No. 200313520023

Honours: BIOTECHNOLOGY										
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	BIOTECHNOLOGY	CC-1	Biochemistry and Metabolism	8	6	48	2020	9.00	8.73	Q
		CC-2	Cell Biology	10	6	60	2020			
	BIOTECHNOLOGY	GE-1	Human Welfare	8	6	48	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	BIOTECHNOLOGY	CC-3	Mammalian Physiology	10	6	60	2021	9.50	9.40	Q
		CC-4	Plant Physiology	9	6	54	2021			
	BIOTECHNOLOGY	GE-2	Biophysics & Instrumentation	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2021			
III	BIOTECHNOLOGY	CC-5	Genetics	8	6	48	2021	8.33	8.62	Q
		CC-6	General Microbiology	8	6	48	2021			
		CC-7	Chemistry-1	9	6	54	2021			
	BIOTECHNOLOGY	GE-3	Entrepreneurship Development	10	6	60	2021			
	BIOTECHNOLOGY	SEC-1	Molecular Diagnostics	7	2	14	2021			
IV	BIOTECHNOLOGY	CC-8	Molecular Biology	9	6	54	2022	8.67	8.38	Q
		CC-9	Immunology	8	6	48	2022			
		CC-10	Chemistry-II	9	6	54	2022			
	BIOTECHNOLOGY	GE-4	Human Genetics	8	6	48	2022			
	BIOTECHNOLOGY	SEC-2	Basics of Forensic Sciences	7	2	14	2022			
V	BIOTECHNOLOGY	CC-11	Bioprocess Technology	7	6	42	2022	6.75	6.75	Q
		CC-12	Recombinant Biotechnology	7	6	42	2022			
	BIOTECHNOLOGY	DSE-1	Animal Biotechnology	6	6	36	2022			
		DSE-2	Bioinformatics	7	6	42	2022			
VI	BIOTECHNOLOGY	CC-13	Bio analytical Tools	6	6	36	2023	6.50	6.50	Q
		CC-14	Genomics & Proteomics	7	6	42	2023			
	BIOTECHNOLOGY	DSE-3	Environmental Biotechnology	6	6	36	2023			
		DSE-4	Intellectual Property Rights	7	6	42	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>7.83</b>							<b>Letter Grade in CGPA : A</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.03</b>										

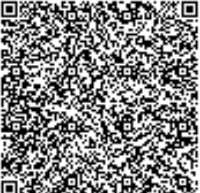
Date of Publication of Result : 25.08.2023

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

*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				<b>Percentage Conversion Formula:</b> = (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: SWAPNAMAY PALIT

Roll No. 200313520024

## Honours: BIOTECHNOLOGY

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	BIOTECHNOLOGY	CC-1	Biochemistry and Metabolism	7	6	42	2020	8.00	7.91	Q
		CC-2	Cell Biology	9	6	54	2020			
	BIOTECHNOLOGY	GE-1	Human Welfare	7	6	42	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	BIOTECHNOLOGY	CC-3	Mammalian Physiology	9	6	54	2021	9.00	9.00	Q
		CC-4	Plant Physiology	9	6	54	2021			
	BIOTECHNOLOGY	GE-2	Biophysics & Instrumentation	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
III	BIOTECHNOLOGY	CC-5	Genetics	8	6	48	2021	8.33	8.69	Q
		CC-6	General Microbiology	8	6	48	2021			
	BIOTECHNOLOGY	GE-3	Entrepreneurship Development	10	6	60	2021			
	BIOTECHNOLOGY	SEC-1	Molecular Diagnostics	8	2	16	2021			
IV	BIOTECHNOLOGY	CC-8	Molecular Biology	8	6	48	2022	8.67	8.69	Q
		CC-9	Immunology	9	6	54	2022			
	BIOTECHNOLOGY	GE-4	Human Genetics	9	6	54	2022			
	BIOTECHNOLOGY	SEC-2	Basics of Forensic Sciences	8	2	16	2022			
V	BIOTECHNOLOGY	CC-11	Bioprocess Technology	9	6	54	2022	8.25	8.25	Q
		CC-12	Recombinant Biotechnology	7	6	42	2022			
	BIOTECHNOLOGY	DSE-1	Animal Biotechnology	9	6	54	2022			
	BIOTECHNOLOGY	DSE-2	Bioinformatics	8	6	48	2022			
VI	BIOTECHNOLOGY	CC-13	Bio analytical Tools	8	6	48	2023	8.25	8.25	Q
		CC-14	Genomics & Proteomics	8	6	48	2023			
	BIOTECHNOLOGY	DSE-3	Environmental Biotechnology	9	6	54	2023			
	BIOTECHNOLOGY	DSE-4	Intellectual Property Rights	8	6	48	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>8.39</b>							<b>Letter Grade in CGPA : A+</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.46</b>										

Date of Publication of Result : 25.08.2023

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

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

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
	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 HONOURS FINAL EXAMINATION 2023 UNDER CBCS**  
**GRADE CARD**

Name: TANMOY PATRA

Roll No. 200313520025

Honours: BIOTECHNOLOGY										
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	BIOTECHNOLOGY	CC-1	Biochemistry and Metabolism	8	6	48	2020	8.50	8.91	Q
		CC-2	Cell Biology	9	6	54	2020			
	BIOTECHNOLOGY	GE-1	Human Welfare	9	6	54	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	10	4	40	2020			
II	BIOTECHNOLOGY	CC-3	Mammalian Physiology	10	6	60	2021	10.00	9.70	Q
		CC-4	Plant Physiology	10	6	60	2021			
	BIOTECHNOLOGY	GE-2	Biophysics & Instrumentation	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2021			
III	BIOTECHNOLOGY	CC-5	Genetics	8	6	48	2021	8.67	8.92	Q
		CC-6	General Microbiology	9	6	54	2021			
		CC-7	Chemistry-1	9	6	54	2021			
	BIOTECHNOLOGY	GE-3	Entrepreneurship Development	10	6	60	2021			
	BIOTECHNOLOGY	SEC-1	Molecular Diagnostics	8	2	16	2021			
IV	BIOTECHNOLOGY	CC-8	Molecular Biology	9	6	54	2022	9.00	9.00	Q
		CC-9	Immunology	9	6	54	2022			
		CC-10	Chemistry-II	9	6	54	2022			
	BIOTECHNOLOGY	GE-4	Human Genetics	9	6	54	2022			
	BIOTECHNOLOGY	SEC-2	Basics of Forensic Sciences	9	2	18	2022			
V	BIOTECHNOLOGY	CC-11	Bioprocess Technology	8	6	48	2022	7.50	7.50	Q
		CC-12	Recombinant Biotechnology	7	6	42	2022			
	BIOTECHNOLOGY	DSE-1	Animal Biotechnology	7	6	42	2022			
		DSE-2	Bioinformatics	8	6	48	2022			
VI	BIOTECHNOLOGY	CC-13	Bio analytical Tools	8	6	48	2023	8.00	8.00	Q
		CC-14	Genomics & Proteomics	8	6	48	2023			
	BIOTECHNOLOGY	DSE-3	Environmental Biotechnology	8	6	48	2023			
		DSE-4	Intellectual Property Rights	8	6	48	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>8.44</b>							<b>Letter Grade in CGPA : A+</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.65</b>										


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
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course	9 and above	O (Outstanding)	5 to below 6	B (Average)	Q – Qualified
GE – Generic Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	7 to below 8	A (Very Good)	Below 4	F (Fail)	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	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

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

Roll No. 200313520026

Honours: BIOTECHNOLOGY										
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	BIOTECHNOLOGY	CC-1	Biochemistry and Metabolism	9	6	54	2020	9.50	9.45	Q
		CC-2	Cell Biology	10	6	60	2020			
	BIOTECHNOLOGY	GE-1	Human Welfare	9	6	54	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	10	4	40	2020			
II	BIOTECHNOLOGY	CC-3	Mammalian Physiology	10	6	60	2021	10.00	10.00	Q
		CC-4	Plant Physiology	10	6	60	2021			
	BIOTECHNOLOGY	GE-2	Biophysics & Instrumentation	10	6	60	2021			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2021			
III	BIOTECHNOLOGY	CC-5	Genetics	9	6	54	2021	9.00	9.23	Q
		CC-6	General Microbiology	9	6	54	2021			
		CC-7	Chemistry-1	9	6	54	2021			
	BIOTECHNOLOGY	GE-3	Entrepreneurship Development	10	6	60	2021			
	BIOTECHNOLOGY	SEC-1	Molecular Diagnostics	9	2	18	2021			
IV	BIOTECHNOLOGY	CC-8	Molecular Biology	9	6	54	2022	9.33	9.15	Q
		CC-9	Immunology	10	6	60	2022			
		CC-10	Chemistry-II	9	6	54	2022			
	BIOTECHNOLOGY	GE-4	Human Genetics	9	6	54	2022			
	BIOTECHNOLOGY	SEC-2	Basics of Forensic Sciences	8	2	16	2022			
V	BIOTECHNOLOGY	CC-11	Bioprocess Technology	9	6	54	2022	8.25	8.25	Q
		CC-12	Recombinant Biotechnology	9	6	54	2022			
	BIOTECHNOLOGY	DSE-1	Animal Biotechnology	8	6	48	2022			
		DSE-2	Bioinformatics	7	6	42	2022			
VI	BIOTECHNOLOGY	CC-13	Bio analytical Tools	8	6	48	2023	7.75	7.75	Q
		CC-14	Genomics & Proteomics	8	6	48	2023			
		BIOTECHNOLOGY	DSE-3	Environmental Biotechnology	7	6	42			
		BIOTECHNOLOGY	DSE-4	Intellectual Property Rights	8	6	48			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>8.78</b>							<b>Letter Grade in CGPA : A+</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.94</b>										

Date of Publication of Result : 25.08.2023

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

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

*Anindya Zohi Pal*

**Controller of Examinations**

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course	9 and above	O (Outstanding)	5 to below 6	B (Average)	Q – Qualified
GE – Generic Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	7 to below 8	A (Very Good)	Below 4	F (Fail)	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	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.
AECC – Ability Enhancement Compulsory Course					

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
	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)