

Name : ABHIK DAS

Roll No. 200331000001

Semester										
Semester	Subject	Course			Credit Value	Grade Point	Credit Retained	bas	on the sis of	Result
No.	Subject	Code	course ride	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	BOTANY	CC-1	Microbiology and Phycology	8	6	48	2020			
	BOTANT	CC-2	Archegoniatae	8	6	48	2020			
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2020	8.00	8.45	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
	BOTANY	CC-3	Mycology and Phytopathology	9	6	54	2021			
	DOTANT	CC-4	Morphology and Anatomy of Angiosperms	9	6	54	2021	9.00 9.00		
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2021		9.00	Q
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
		CC-5	Plant Ecology and Phytogeography	9	6	54	2021			
	BOTANY	CC-6	Plant Systematics	8	6	48	2021			
III		CC-7	Economic Botany	8	6	48	2021	8.33	8.31	Q
	ZOOLOGY	GE-3	Physiology and Biochemistry	8	6	48	2021			
	BOTANY	SEC-1	Agricultural Botany	9	2	18	2021			
		CC-8	Palaeobotany & Palynology	10	6	60	2022			
	BOTANY	CC-9	Biomolecules and Cell Biology	8	6	48	2022			
IV		CC-10	Molecular Biology	9	6	54	2022	9.00	8.77	Q
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2022			
	BOTANY	SEC-2	Biofertilizers	9	2	18	2022			
	BOTANY	CC-11	Plant Physiology	8	6	48	2022			
	BOTANT	CC-12	Plant Metabolism	8	6	48	2022	8.50	8.50	Q
V	BOTANY	DSE-1	Reproductive Biology of Angiosperms	9	6	54	2022	8.50	8.50	V V
	BOTANT	DSE-2	Natural Resource Management	9	6	54	2022			
	BOTANY	CC-13	Genetics & Plant Breeding	10	6	60	2023			
	DUIANI	CC-14	Plant Biotechnology	9	6	54	2023	9.50	9.50	0
VI	BOTANY	DSE-3	Phytoremediation & Immunology	10	6	60	2023	9.50	9.50	Q
	DUIANI	DSE-4	Industrial and Environmental Microbiology	9	6	54	2023			
````		0,	sis of CCs & DSEs : <b>8.78</b> sis of All Courses : <b>8.75</b>				Letter Grade in CGPA : A+ Result : Q			t:Q

Date of Publication of Result : 25.08.2023

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

Anindya zyohi Pal

Course Type		CGPA Lette	r 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
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 I	Point Norms	
	90% to 100% 10	80% and above but below 90% 9	Percentage Conversion Formula: = (SGPA or CGPA×10) - 5.0
	70% and above but below 80% 8	60% and above but below 70% 7	*Letter Grade in CGPA is awarded on the basis
	50% and above but below 60% 6	40% and above but below 50% 5	of CCs and DSEs
	35% and above but below 40% 4	Below 35% Not Awarded (NA)	



Name : ABHISHEK DAS

Roll No. 200331000002

			Honours: ZOOLOGY							
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the sis of	Result
No.	Subject	Code	course mile	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	ZOOLOGY	CC-1	Non-chordates I	8	6	48	2020			
	2001001	CC-2	Ecology	9	6	54	2020			
Ι	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	8	6	48	2020	8.50	8.45	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
	ZOOLOGY	CC-3	Non-chordates II	9	6	54	2021			
	2001001	CC-4	Cell Biology	9	6	54	2021			
II	BOTANY	GE-2	Plant Ecology and Taxonomy	8	6	48	2021	9.00	8.70	Q
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
	ZOOLOGY	CC-5	Chordates	9	6	54	2021			
		CC-6	Animal Physiology: Controlling and Coordinating Systems	8	6	48	2021			
III		CC-7	Fundamentals of Biochemistry	8	6	48	2021	8.33	8.54	Q
CHEMISTRY	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2021			
	ZOOLOGY	SEC-1	Apiculture	9	2	18	2021			
	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates		6	54	2022			
		CC-9	Animal Physiology: Life Sustaining Systems	9	6	54	2022			
		CC-10	Immunology	9	6	54	2022			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2022	9.00	8.92	Q
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	8	2	16	2022			
	ZOOLOGY	CC-11	Molecular Biology	6	6	36	2022			
3.7	2001001	CC-12	Genetics	6	6	36	2022	6.00	6.00	0
v	ZOOLOGY	DSE-1	Animal Biotechnology	6	6	36	2022	0.00	0.00	Q
	2001001	DSE-2	Parasitology	6	6	36	2022			
	ZOOLOGY	CC-13	Developmental Biology	7	6	42	2023			
3.77		CC-14	Evolutionary Biology	6	6	36	2023	6.50	6 50	0
VI	ZOOLOGY	DSE-3	Animal Behaviour	7	6	42	2023	0.50	6.50	Q
	2001001	DSE-4	Endocrinology 6 6 36			36	2023			
			sis of CCs & DSEs : <b>7.61</b> sis of All Courses : <b>7.85</b>				Letter Grade in CGPA : A		Resul	t : Q
COLA (CUI		-	515 01 711 COUISCS . 1.00							

Date of Publication of Result : 25.08.2023

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

Anindya zohi Pal

Course Type		CGPA Lette	r 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		PNC - Programme Not Cleared [CGPA on the basis of
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)		-	NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

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



Name : ABU TAHER SK

Roll No. 200331000003

			Honours: BOTANY							
Semester	Subject	Course	Course Title	Grade (G)	Credit Value	Grade Point	Credit Retained	ba	A on the sis of	Result
No.	, and the second second	Code			(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	BOTANY	CC-1	Microbiology and Phycology	7	6	42	2020			
	DUIANI	CC-2	Archegoniatae	8	6	48	2020			
Ι	ZOOLOGY	GE-1	Animal Diversity	7	6	42	2020	7.50	7.64	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
	BOTANY		Mycology and Phytopathology	8	6	48	2021			
	BOTANT	CC-4	Morphology and Anatomy of Angiosperms	8	6	48	2021			
Π	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2021	8.00	8.00	Q
	Communicative English/MIL AECC-2		Communicative English	8	2	16	2021			
		CC-5	Plant Ecology and Phytogeography	8	6	48	2021	-		
	BOTANY	CC-6	Plant Systematics	7	6	42	2021			
III		CC-7	Economic Botany	7	6	42	2021	7.33	7.54	Q
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	8	6	48	2021			
	BOTANY	SEC-1	Agricultural Botany	8	2	16	2021			ļ
	BOTANY	CC-8	Palaeobotany & Palynology	7	6	42	2022		7.31	
		CC-9	Biomolecules and Cell Biology	7	6	42	2022			Q
IV		CC-10	Molecular Biology	7	6	42	2022	7.00		
1,	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	8	6	48	2022			
	BOTANY	SEC-2	Biofertilizers	8	2	16	2022			
	BOTANY	CC-11	Plant Physiology	6	6	36	2022			
	DUIANI	CC-12	Plant Metabolism	7	6	42	2022	7.00	7.00	
V	BOTANY	DSE-1	Reproductive Biology of Angiosperms	7	6	42	2022	7.00	7.00	Q
	DUIANI	DSE-2	Natural Resource Management	8	6	48	2022			
	BOTANY	CC-13	Genetics & Plant Breeding	7	6	42	2023			
3.77	DUTANT	CC-14	Plant Biotechnology	5	6	30	2023	6.00	6.00	
VI	BOTANY	DSE-3	Phytoremediation & Immunology	6	6	36	2023	0.00	0 6.00	Q
	DUIANI	DSE-4	Industrial and Environmental Microbiology 6 6 36				2023			
,		0,	sis of CCs & DSEs : <b>7.00</b> sis of All Courses : <b>7.23</b>				Letter Grade in CGPA : A Result : Q			t:Q

Date of Publication of Result : 25.08.2023

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

# Anindya zohi Pal

Course Type		CGPA Lette	r 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
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 Po	int Norms		
90% to 100%	10	80% and above but below 90%	9	<b>Percentage Conversion Formula:</b> = (SGPA or CGPA×10) - 5.0
70% and above but below 80%	8	60% and above but below 70%	7	*Letter Grade in CGPA is awarded on the basis of CCs and DSEs
50% and above but below 60%	6	40% and above but below 50%	5	of CCs and DSEs
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



Name : ANJAN MANDAL

Roll No. 200331000007

			Honours: MATHEMATI	CS						
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the sis of	Result
No.	Subject	Code	course ride	(G)	(V)	$(\mathbf{G} \times \mathbf{V})$	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	10	6	60	2020			
	MATHEMATICS	CC-2	Algebra	10	6	60	2020			
I	PHYSICS	GE-1	Mechanics	10	6	60	2020	10.00	9.82	Q
	ENVIRONMENTAL STUDIES		Fundamentals of Environmental Studies	9	4	36	2020			
	MATHEMATICS	CC-3	Real Analysis	10	6	60	2021			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	10	6	60	2021			
II	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2021	10.00	9.60	Q
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	10	6	60	2021			
		CC-6	Group Theory I							
III		CC-7	Numerical Methods	10	6	60	2021	10.00	9.77	Q
		GE-3	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2021			
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2021			
	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	10	6	60	) 2022			
		CC-9	Multivariate Calculus	e Calculus 10 6 60 2022						
		CC-10	Ring Theory and Linear Algebra I	10	6	60	2022			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2022	10.00	9.77	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2022			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2022			
	MATHEMATICS	CC-12	Mechanics I	6	6	36	2022	7.75	7.75	Q
V	MATHEMATICS	DSE-1	Linear Programming	9	6	54	2022	1.15	1.15	Ų Ų
	MATHEMATICS	DSE-2	Probability & Statistics	7	6	42	2022			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2023			
	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	8	6	48	2023	9.00	9.00	
VI	MATHEMATICS	DSE-3	Project Work	9	6	54	2023	9.00	9.00	Q
	MATHEMATICS	DSE-4	Mechanics II 10 6		60	2023				
		0,	sis of CCs & DSEs : 9.28				Letter Grade in CGPA : O		Result : Q	
CGPA (Cur	nulative Grade Point Avera	age) on the ba	sis of All Courses : 9.28				COLA			

Date of Publication of Result : 25.08.2023

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

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

Anindya zoti Pal

Course Type		CGPA Lette	r 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)			PNC - Programme Not Cleared [CGPA on the basis		
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]		
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C and C4 as applicable.		
	Grade Point Norms						

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

Roll No. 200331000008

			Honours: BOTANY							
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the sis of	Result
No.	Subject	Code	course rate	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	BOTANY	CC-1	Microbiology and Phycology	9	6	54	2020			
	DOTANT	CC-2	Archegoniatae	9	6	54	2020			
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2020	9.00	9.00	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
	BOTANY	CC-3	Mycology and Phytopathology	9	6	54	2021			
	DUTANT	CC-4	Morphology and Anatomy of Angiosperms	10	6	60	2021			
Π	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2021	9.50	9.20	Q
	Communicative English/MIL	AECC-2	ommunicative English		2	16	2021			
		CC-5	Plant Ecology and Phytogeography	10	6	60	2021			
	BOTANY	CC-6	Plant Systematics	9	6	54	2021			
III		CC-7	Economic Botany	9	6	54	2021	9.33	9.23	Q
	ZOOLOGY	GE-3	Physiology and Biochemistry		6	54	2021			
	BOTANY	SEC-1	Agricultural Botany	9	2	18	2021			
		CC-8	Palaeobotany & Palynology	10	6	60	2022			
	BOTANY	CC-9	Biomolecules and Cell Biology	9	6	54	2022			
IV		CC-10	Molecular Biology	10	6	60	2022	9.67	9.46	Q
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	9	6	54	2022			
	BOTANY	SEC-2	Biofertilizers	9	2	18	2022			
	BOTANY	CC-11	Plant Physiology	9	6	54	2022			
V	DOTANT	CC-12	Plant Metabolism	9	6	54	2022	9.00	9.00	Q
v	V BOTANY		Reproductive Biology of Angiosperms	9	6	54	2022	2.00	9.00	
	DOTANT	DSE-2	Natural Resource Management	9	6	54	2022			
	BOTANY	CC-13	Genetics & Plant Breeding	8	6	48	2023			
VI	DOMANT	CC-14	Plant Biotechnology	9	6	54	2023	9.00	9.00	Q
V I	BOTANY	DSE-3	Phytoremediation & Immunology		6	60	2023	7.00	0 9.00	
	DOTANT	DSE-4	Industrial and Environmental Microbiology	9	6	54	2023			
		8,	sis of CCs & DSEs : 9.22 sis of All Courses : 9.15				Letter Gi CGPA	Resul	t:Q	

Date of Publication of Result : 25.08.2023

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Anindya zyohi Pal

Course Type		CGPA Lette	r Grades		Result Codes
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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
SEC - Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

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



Name : ANUPAM MONDAL

#### Roll No. 200331000010

			Honours: PHYSIOLO	OGY						
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	ba	on the sis of	Result
No.	Subject	Code	course rule	(G)	(V)	(G×V)		CCs & DSEs	All Courses	Code
	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	9	6	54	2020			
		CC-2	Biological Physics and Enzymes	9	6	54	2020			
Ι	BOTANY	GE-1	tiodiversity (Microbes, Algae, Fungi and rchegoniatae)		6	48	2020	9.00	8.73	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies			36	2020			
	PHYSIOLOGY CC-3 Physiology of Nerve and Muscle Cells 9		9	6	54	2021				
	FILISIOLOGI	CC-4	Chemistry of Biomolecules	9	6	54	2021			Q
П	BOTANY	GE-2	Plant Ecology and Taxonomy	9	6	54	2021	9.00	8.90	
	Communicative English/MIL AECC-2 Communicative English 8 2		2	16	2021					
	CC-		Circulating Body Fluids	8	6	48	2021			
	PHYSIOLOGY	CC-6	Circulation	8	6	48	2021			
III		CC-7	Functions of The Nervous System     8       Physiology and Biochemistry     7		6	48	2021	8.00	7.85	Q
	ZOOLOGY	GE-3			6	42	2021			
	PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	9	2	18	2021			
		CC-8	Energy Balance, Metabolism and Nutrition	8	6	6 48 2022				
	PHYSIOLOGY	HYSIOLOGY CC-9 Gastrointestinal Function		8	6	48	2022			
IV		CC-10	Respiration	8	6	48	2022	8.00	7.77	Q
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	7	6	42	2022			
	PHYSIOLOGY	SEC-2	Hematological Techniques	8	2	16	2022			
	PHYSIOLOGY	CC-11	Special Senses	7	6	42	2022			
	rn i SiOLOG i	CC-12	Endocrinology	6	6	36	2022	6.75	6.75	Q
V	PHYSIOLOGY	DSE-1	Biological Statistics	8	6	48	2022	0.75	0.75	Ų Ų
	DSE-2		Sports and Exercise Physiology	6	6	36	2022			
	PHYSIOLOGY	CC-13	Reproduction	7	6	42	2023			
	rn i SiOLOG i	CC-14	Formation and Excretion of Urine	7	6	42	2023	7.00	7.00	
VI	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	8	6	48	2023	7.00	7.00	Q
	111310L001	DSE-4	Toxicology	6	6	36	2023			
	nulative Grade Point Avera	-					Letter Grade in CGPA : A Result :			t : Q
	nulative Grade Point Avera	ge) on the ba	sis of All Courses . 1.17					• • •		

Date of Publication of Result : 25.08.2023

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

Anindya zoti Pal

Course Type		CGPA Lette	r 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	90% to 100%	10	80% and above but below 90%	9	<b>Percentage Conversion Formula:</b> = (SGPA or CGPA×10) - 5.0
200 A 19 A 19	70% and above but below 80%	8	60% and above but below 70%	7	*Letter Grade in CGPA is awarded on the basis
	50% and above but below 60%	6	40% and above but below 50%	5	of CCs and DSEs
	35% and above but below 40%	4	Below 35% Not	Awarded (NA)	



#### Name : ARINDAM BHANDARI

Roll No. 200331000011

			Honours: ZOOLOGY							
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	ba	on the sis of	Result
No.	Bubjeet	Code	course mae	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	ZOOLOGY	CC-1	Non-chordates I	8	6	48	2020			
	2001001	CC-2	Ecology	9	6	54	2020			
Ι	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	8	6	48	2020	8.50	8.45	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies		4	36	2020			
	ZOOLOGY	CC-3	Non-chordates II	9	6	54	2021			
	2001001	CC-4	Cell Biology	9	6	54	2021			
II	BOTANY	GE-2	Plant Ecology and Taxonomy	10	6	60	2021	9.00	9.30	Q
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
		CC-5	Chordates	10	6	60	2021			
	ZOOLOGY	CC-6	Animal Physiology: Controlling and Coordinating Systems	9	6	54	2021			
III		CC-7	Fundamentals of Biochemistry	9	6	54	2021	9.33	9.31	Q
	PHYSIOLOGY		Respiratory and Cardiovascular Physiology		6	54	2021			
	ZOOLOGY	SEC-1	Apiculture	10	2	20	2021			
		CC-8	Comparative Anatomy of Vertebrates	10	6	60	2022			
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	9	6	54	2022			
IV		CC-10	Immunology	10	6	60	2022	9.67	9.46	Q
11	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	9	6	54	2022	2.07	,	×
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	9	2	18	2022			
	ZOOLOGY	CC-11	Molecular Biology	6	6	36	2022			
	ZUULUGY	CC-12	Genetics	8	6	48	2022	7.00	7.00	
V	V ZOOLOGY	DSE-1	Animal Biotechnology	7	6	42	2022	7.00	7.00	Q
	ZUULUGI	DSE-2	Parasitology	7	6	42	2022			
	7001.002	CC-13	Developmental Biology	8	6	48	2023			
	ZOOLOGY	CC-14	Evolutionary Biology	6	6	36	2023	7.50	7.50	
VI	7001.002	DSE-3	Animal Behaviour	8	6	48	2023	/.50	7.50	Q
	ZOOLOGY	DSE-4	Endocrinology	8	6	48	2023			
		-	ris of CCs & DSEs : 8.33				Letter G		Result : Q	
COFA (CUI	nulative Grade Foliit Avera	age) on me ba	sis of All Courses : 8.51				00111	• • • • •		

Date of Publication of Result : 25.08.2023

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

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

Anindya zoti Pal

**Controller of Examinations** 

Course Type		CGPA Lette	r 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		PNC - Programme Not Cleared [CGPA on the basis of	
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]	
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 P	oint Norms	
	90% to 100% 10	80% and above but below 90% 9	<b>Percentage Conversion Formula:</b> = (SGPA or CGPA×10) - 5.0
	70% and above but below 80% 8	60% and above but below 70% 7	*Letter Grade in CGPA is awarded on the basis
	50% and above but below 60% 6	40% and above but below 50% 5	of CCs and DSEs
	35% and above but below 40% 4	Below 35% Not Awarded (NA)	



Name : ARJUN MAL

Roll No. 200331000012

			Honours: BOTANY							
Semester	Subject	Course	Course Title	Grade (G)	Credit Value	Grade Point	Credit Retained	ba	on the sis of	Result
No.	Bubjeet	Code	course rate		(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	BOTANY	CC-1	Microbiology and Phycology	7	6	42	2020			
	DUTANT	CC-2	Archegoniatae	8	6	48	2020			
Ι	ZOOLOGY		Animal Diversity	6	6	36	2020	7.50	7.36	Q
	ENVIRONMENTAL STUDIES	STUDIES AECC-1 Fundamentals of Environmental Studies 9 4								
	BOTANY	CC-3	Mycology and Phytopathology	9	6	54	2021			
	BOTANT	CC-4	Morphology and Anatomy of Angiosperms	8	6	48	2021			Q
II	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2021	8.50	8.60	
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2021			
	BOTANY CC-6		Plant Ecology and Phytogeography	8	6	48	2021			
			Plant Systematics	6	6	36	2021			
III		CC-7	Economic Botany	Economic Botany 6 6 36 2021 6.6		6.67	7.15	Q		
	PHYSIOLOGY		Respiratory and Cardiovascular Physiology	8	6	48	2021			
	BOTANY	SEC-1	Agricultural Botany	9	2	18	2021			
		CC-8	Palaeobotany & Palynology	9	6	54	2022			
	BOTANY	CC-9	Biomolecules and Cell Biology		6	42	2022			
IV		CC-10	Molecular Biology	7	6	42	2022	7.67	7.77	Q
ĨV	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	8	6	48	2022	1.07		
	BOTANY	SEC-2	Biofertilizers	8	2	16	2022			
	DOTANY	CC-11	Plant Physiology	5	6	30	2022			
	BOTANY	CC-12	Plant Metabolism	5	6	30	2022	5.50	5.50	
V	DOTANY	DSE-1	Reproductive Biology of Angiosperms	5	6	30	2022	5.50	5.50	Q
	BOTANY DSE-2		Natural Resource Management	7	6	42	2022			
	DOTANY	CC-13	Genetics & Plant Breeding	6	6	36	2023			
	BOTANY	CC-14	Plant Biotechnology	5	6	30	2023	5 75	575	
VI	DOTANY	DSE-3	Phytoremediation & Immunology	6	6	36	2023	5.75	5.75	Q
	BOTANY	DSE-4	Industrial and Environmental Microbiology	6	6	36	2023	1		
			sis of CCs & DSEs : <b>6.67</b> sis of All Courses : <b>6.99</b>				Letter Grade in CGPA : B+ Result			t:Q

Date of Publication of Result : 25.08.2023

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

Anindya zoti Pal

Course Type		CGPA Lette	r 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		PNC – Programme Not Cleared [CGPA on the basis of
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
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 Po	int Norms		
90% to 100%	10	80% and above but below 90%	9	<b>Percentage Conversion Formula:</b> = (SGPA or CGPA×10) - 5.0
70% and above but below 80%	8	60% and above but below 70%	7	*Letter Grade in CGPA is awarded on the basis of CCs and DSEs
50% and above but below 60%	6	40% and above but below 50%	5	or ces and bses
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



Name : ARNAB DAS

Roll No. 200331000013

			Honours: PHYSICS							
Semester	Subject	Course	Course Title	Grade (G)	Credit Value	Grade Point	Credit Retained		on the sis of	Result
No.	Subject	Code	Course The		(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	PHYSICS	CC-1	Mathematical Physics-I	8	6	48	2020			
	rinsics	CC-2	Mechanics	8	6	48	2020			
Ι	MATHEMATICS	GE-1	Differential Calculus	6	6	36	2020	8.00	7.64	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
	PHYSICS	CC-3	Electricity and Magnetism	9	6	54	2021			
	rinsics	CC-4	Waves and Optics	9	6	54	2021			
II	MATHEMATICS	GE-2	Differential Equations	9	6	54	2021	9.00	8.90	Q
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2021			
		CC-5	Mathematical Physics-II	9	6	54	2021			
	PHYSICS	CC-6	Thermal Physics	9	6	54	2021			
III		CC-7	Digital Systems and Applications	9	6	54	2021	9.00	8.77	Q
	COMPUTER SCIENCE	GE-3	Operating Systems	8	6	48	2021			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	9	2	18	2021			
	PHYSICS	CC-8	Mathematical Physics-III	9	6	54	2022		9.00	
		CC-9	Elements of Modern Physics	9	6	54	2022			
IV		CC-10	Analog Systems & Applications	8	6	48	2022	8.67		Q
	COMPUTER SCIENCE	GE-4	Computer System Architecture	10	6	60	2022			
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	9	2	18	2022			
	PHYSICS	CC-11	Quantum Mechanics and Applications	6	6	36	2022			
v		CC-12	Solid State Physics	7	6	42	2022	6.75	6.75	Q
v	PHYSICS	DSE-1	Advanced Mathematical Physics	8	6	48	2022	0.75	0.75	
		DSE-2	Classical Dynamics	6	6	36	2022			
	PHYSICS	CC-13	Electromagnetic Theory	6	6	36	2023			
VI		CC-14	Statistical Mechanics	6	6	36	2023	6.25	6.25	Q
V I	PHYSICS	DSE-3	Nuclear and Particle Physics	5	6	30	2023	0.23 0.23		
		DSE-4	Astronomy and Astrophysics	8	6	48	2023			
	nulative Grade Point Averag nulative Grade Point Averag						Letter G CGPA		Resul	t:Q

Date of Publication of Result : 25.08.2023

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Anindya zoti Pal

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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
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 Poi	int Norms		
90% to 100%	10	80% and above but below 90%	9	<b>Percentage Conversion Formula:</b> = (SGPA or CGPA×10) - 5.0
70% and above but below 80%	8	60% and above but below 70%	7	*Letter Grade in CGPA is awarded on the basis
50% and above but below 60%	6	40% and above but below 50%	5	of CCs and DSEs
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



Name : ARNAB GHOSH

Roll No. 200331000014

			Honours: MATHEMATI	CS						
Semester	Subject	Course	Course Title	Grade (G)	Credit Value	Grade Point	Credit Retained	bas	on the sis of	Result
No.	Subject	Code			(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	10	6	60	2020			
	MATHEMATICS	CC-2	Algebra	10	6	60	2020			
Ι	PHYSICS	GE-1	Mechanics	9	6	54	2020	10.00	9.55	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
	MATHEMATICS	CC-3	Real Analysis	10	6	60	2021			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	10	6	60	2021		9.90	Q
П	PHYSICS	GE-2	Electricity and Magnetism	10	6	60	2021	10.00		
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	10	6	60	2021			
	MATHEMATICS	CC-6	Group Theory I	10	6	60	2021			
III		CC-7	Numerical Methods	10	6	60	2021	10.00	9.77	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2021			
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2021			
	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	9	6	54	2022			
		CC-9	Multivariate Calculus	10	0 6 60 2022					
		CC-10	Ring Theory and Linear Algebra I	10	6	60	2022		9.54	Q
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2022	9.67		
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2022			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	5	6	30	2022			
<b>X</b> 7	MATHEMATICS	CC-12	Mechanics I	4	6	24	2022	5.25	5.25	Q
V	MATHEMATICS	DSE-1	Linear Programming	7	6	42	2022	5.25	5.25	
	MATHEMATICS	DSE-2	Probability & Statistics	5	6	30	2022			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	6	6	36	2023			
3.73	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	6	6	36	2023	7.25	7 25	Q
VI	MATHEMATICS	DSE-3	Project Work	9	6	54	2023	1.23	5 7.25	
	MATHEMATICS	DSE-4	Mechanics II	8	6	48	2023			
			sis of CCs & DSEs : <b>8.28</b> sis of All Courses : <b>8.52</b>				Letter Gi CGPA		Resul	t:Q

Date of Publication of Result : 25.08.2023

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Anindya	Zohi Pal

Course Type		CGPA Lette	r 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		PNC - Programme Not Cleared [CGPA on the basis of
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

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



#### Name : ARPAN ROY CHOWDHURY

Roll No. 200331000015

			Honours: PHYSIOLOG	Y						
Semester	Subject	Course			Credit Value	Grade Point	Credit Retained	bas	on the sis of	Result
No.	Subject	Code			(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	9	6	54	2020			
	FILISIOLOGI	CC-2	Biological Physics and Enzymes	9	6	54	2020			
I	ZOOLOGY	GE-1	Animal Diversity	8	6	48	2020	9.00	8.55	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2020			
	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	9	6	54	2021			
	FILISIOLOOT	CC-4	Chemistry of Biomolecules	9	6	54	2021			
II	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates					9.00	9.00	Q
	Communicative English/MIL	AECC-2	-2 Communicative English 9 2 18 2							
		CC-5	Circulating Body Fluids	8	6	48	2021			
	PHYSIOLOGY	CC-6	Circulation	9	6	54	2021			
III		CC-7	Functions of The Nervous System	9	6	54	2021	8.67	8.54	Q
	BOTANY	GE-3	Plant Anatomy and Embryology	8	6	48	2021			
	PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	9	2	18	2021			_
	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	9	6	54	2022			
		HYSIOLOGY CC-9 Gastrointestinal Function		8	6	48	2022			
IV		CC-10	Respiration	9	6	54	2022	8.67	8.77	Q
	BOTANY GE-4		Plant Physiology and Metabolism	9	6	54	2022			
	PHYSIOLOGY	SEC-2	Hematological Techniques	9	2	18	2022			
	PHYSIOLOGY	CC-11	Special Senses	7	6	42	2022			
	rn i siolog i	CC-12	Endocrinology	8	6	48	2022	7.75	7.75	Q
V	PHYSIOLOGY	DSE-1	Biological Statistics	8	6	48	2022	1.15	1.15	
	FILISIOLOOT	DSE-2	Sports and Exercise Physiology	8	6	48	2022			
	PHYSIOLOGY	CC-13	Reproduction	8	6	48	2023			
		CC-14	Formation and Excretion of Urine	7	6	42	2023	7.75	7 75	
VI	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics		6	54	2023	1.15	5 7.75	Q
		DSE-4	Toxicology	7	6	42	2023			
		-	sis of CCs & DSEs : <b>8.33</b> sis of All Courses : <b>8.38</b>				Letter Grade in CGPA : A+ Res		Resul	t:Q
	nulative Grade I offit Avera	age) on the Da	515 01 7111 COULSES . U.SU							

Date of Publication of Result : 25.08.2023

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

Anindya zoti Pal

Course Type		CGPA Lette	r 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
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 Po	int Norms		
90% to 100%	10	80% and above but below 90%	9	Percentage Conversion Formula: = (SGPA or CGPA×10) - 5.0
70% and above but below 80%	8	60% and above but below 70%	7	*Letter Grade in CGPA is awarded on the basis
50% and above but below 60%	6	40% and above but below 50%	5	of CCs and DSEs
35% and above but below 40%	4	Below 35% Not A	Awarded (NA)	



Name : ATASI GARAI

Roll No. 200331000016

			Honours: PHYSIOLOG	Y						
Semester	Subject	Course	Course Title	Grade (G)	Credit Value	Grade Point	Credit Retained	bas	on the sis of	Result
No.	Subject	Code			(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	9	6	54	2020			
	FITSIOLOGT	CC-2	Biological Physics and Enzymes	8	6	48	2020			
I	ZOOLOGY	GE-1	Animal Diversity	8	6	48	2020	8.50	8.27	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2020			
	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	9	6	54	2021			
	FILISIOLOOT	CC-4	Chemistry of Biomolecules	9	6	54	2021			
II	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2021	9.00	8.90	Q
Communicative English/MIL		AECC-2	Communicative English	8	2	16	2021			
		CC-5	Circulating Body Fluids	7	6	42	2021			
	PHYSIOLOGY	CC-6	Circulation	7	6	42	2021			
III		CC-7	Functions of The Nervous System         7         6         42         2021         7.00		7.00	7.15	Q			
	BOTANY	GE-3	Plant Anatomy and Embryology	7	6	42	2021			
	PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	9	2	18	2021			
	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition							
		IYSIOLOGY CC-9 Gastrointestinal Function		7	6	42	2022			
IV		CC-10	Respiration	8	6	48	2022	7.33	7.15	Q
	BOTANY	GE-4	Plant Physiology and Metabolism	7	6	42	2022			
	PHYSIOLOGY	SEC-2	Hematological Techniques	6	2	12	2022			
	PHYSIOLOGY	CC-11	Special Senses	7	6	42	2022			
v	FITSIOLOGT	CC-12	Endocrinology	6	6	36	2022	7.50	7.50	Q
v	PHYSIOLOGY	DSE-1	Biological Statistics	8	6	48	2022	7.50	7.50	
	TITSIOLOGT	DSE-2	Sports and Exercise Physiology	9	6	54	2022			
	PHYSIOLOGY	CC-13	Reproduction	7	6	42	2023			
VI		CC-14	Formation and Excretion of Urine	7	6	42	2023	6.75	675	Q
V I	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics 7		6	42	2023	0.75	6.75	
		DSE-4	Toxicology         6         6         36         2023							
		-	sis of CCs & DSEs : <b>7.50</b> sis of All Courses : <b>7.56</b>				Letter G CGPA		Resul	t:Q
COLY (CU	numeric Grade i Gint Aven	uge) on me ba								

Date of Publication of Result : 25.08.2023

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

Anindya zoti Pal

Course Type		CGPA Lette	r 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
SEC – Skill Enhancement Course	7 to below 8	CCs and DSEs <5 o		CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]	
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 Po	int Norms		
90% to 100%	10	80% and above but below 90%	9	Percentage Conversion Formula: = (SGPA or CGPA×10) - 5.0
70% and above but below 80%	8	60% and above but below 70%	7	*Letter Grade in CGPA is awarded on the basis
50% and above but below 60%	6	40% and above but below 50%	5	of CCs and DSEs
35% and above but below 40%	4	Below 35% Not Awards	ed (NA)	



Name : BARSHA SAMANTA

Roll No. 200331000020

			Honours: MATHEMATI	CS						
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the sis of	Result
No.	Bubjeet	Code	course mue	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	10	6	60	2020			
	MATHEMATICS	CC-2	Algebra	10	6	60	2020			
I	PHYSICS	GE-1	Mechanics	9	6	54	2020	10.00	9.55	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
MATHEMATICS		CC-3	Real Analysis	10	6	60	2021			
	MATHEMATICS CC-4		Differential Equations and Vector Calculus	10	6	60	2021			
II	PHYSICS	GE-2	Electricity and Magnetism	10	6	60	2021	10.00	9.90	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2021			
		CC-5	Theory of Real Functions & Introduction to Metric         10         6         60         2021							
	MATHEMATICS	CC-6	Group Theory I	10	6	60	2021			
III		CC-7	Numerical Methods         10         6         60         2		2021	10.00	9.77	Q		
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	Chemical Energetic, Equilibria, Organic Chemistry 9 6 54		2021				
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2021			
		CC-8	Riemann Integration and Series of Functions	10	6	60	2022			
	MATHEMATICS	CC-9	Multivariate Calculus	10	6	60	2022			
		CC-10	Ring Theory and Linear Algebra I	10	6	60	2022			
IV	CHEMISTRY	GE-4 Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry		9	6	54	2022	10.00	9.77	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2022			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2022			
	MATHEMATICS	CC-12	Mechanics I	7	6	42	2022	7.25	7.25	
V	MATHEMATICS	DSE-1	Linear Programming	8	6	48	2022	1.25	1.25	Q
	MATHEMATICS	DSE-2	Probability & Statistics	7	6	42	2022			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2023			
	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	6	6	36	2023	0.25	0.05	
VI	MATHEMATICS	DSE-3	Project Work	9	6	54	2023	8.25	8.25	Q
	MATHEMATICS DSE-4 Mechanics II			9	6	54	2023			
		0,	sis of CCs & DSEs : 9.00				Letter G		Result : Q	
CGPA (Cur	nulative Grade Point Avera	age) on the ba	sis of All Courses : 9.07							

Date of Publication of Result : 25.08.2023

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

## Anindya Zoti Pal

Course Type		CGPA Lette	r 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

ii e		Grade Po	int Norms		
	90% to 100%	10	80% and above but below 90%	9	<b>Percentage Conversion Formula:</b> = (SGPA or CGPA×10) - 5.0
87	70% and above but below 80%	8	60% and above but below 70%	7	*Letter Grade in CGPA is awarded on the basis
	50% and above but below 60%	6	40% and above but below 50%	5	of CCs and DSEs
Ξŧ.	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



Name : BIDIPTTA DAS

Roll No. 200331000021

			Honours: ZOOLOGY							
Semester	Subject	Course	Course Title	Grade (G)	Credit Value	Grade Point	Credit Retained	bas	on the sis of	Result
No.	Subject	Code	e		(V)	(G×V)	<b>T</b> 7	CCs & DSEs	All Courses	Code
	ZOOLOGY	CC-1	Non-chordates I	9	6	54	2020			
	2002001	CC-2	Ecology	8	6	48	2020			
Ι	PHYSIOLOGY	GE-1	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	8	6	48	2020	8.50	8.45	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
	ZOOLOGY	CC-3	Non-chordates II	9	6	54	2021			
	2001001	CC-4	Cell Biology	9	6	54	2021			Q
II	PHYSIOLOGY	GE-2	Digestion and Metabolism	9	6	54	2021	9.00	9.00	
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
		CC-5	Chordates	10	6	60	2021			
	ZOOLOGY	Systems		9	6	54	2021			
III	III		Fundamentals of Biochemistry 8 6 48 2021		9.00	8.54	Q			
	BOTANY	GE-3	Plant Anatomy and Embryology	7	6	42	2021			
	ZOOLOGY	SEC-1	Apiculture	9	2	18	2021			
		CC-8	Comparative Anatomy of Vertebrates	10	6	60	2022			
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	9	6	54	2022			Q
IV		CC-10	Immunology	9	6	54	2022	9.33	9.23	
	BOTANY	GE-4	Plant Physiology and Metabolism	9	6	54	2022			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	9	2	18	2022			
	ZOOLOGY	CC-11	Molecular Biology	6	6	36	2022			
	2001001	CC-12	Genetics	7	6	42	2022	6.50	6.50	Q
V	ZOOLOGY	DSE-1	Animal Biotechnology	6	6	36	2022	0.50	0.50	
	2001001	DSE-2	Parasitology	7	6 42 2022					
	ZOOLOGY	CC-13	Developmental Biology	9	6	54	2023			
1.71	2001001	CC-14	Evolutionary Biology	7	6	42	2023	8.00	8.00	Q
VI	ZOOLOGY	DSE-3	Animal Behaviour	8	6	48	2023	0.00	0.00	
	2001001	DSE-4	Endocrinology	8	6	48	2023			
			sis of CCs & DSEs : <b>8.22</b> sis of All Courses : <b>8.28</b>				Letter G CGPA		Resul	t:Q

Date of Publication of Result : 25.08.2023

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

Anindya zoti Pal

Course Type		CGPA Lette	r 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

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



Name : BIMAN MONDAL

Roll No. 200331000022

			Honours: MATHEMATI	CS						
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the sis of	Result
No.	Subject	Code	course mue	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	10	6	60	2020			
	MATHEMATICS	CC-2	Algebra	10	6	60	2020			
I	PHYSICS	GE-1	Mechanics	10	6	60	2020	10.00	9.64	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2020			
MATHEMATICS		CC-3	Real Analysis	10	6	60	2021			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	10	6	60	2021			
II	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2021	10.00	9.60	Q
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	10	6	60	2021			
	MATHEMATICS	CC-6	Group Theory I	10	6	60	2021			Q
III		CC-7	Numerical Methods	10	6	60	2021	10.00	9.77	
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry		6	54	2021			
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2021			
		CC-8	Riemann Integration and Series of Functions	9	6	54	2022			
	MATHEMATICS	CC-9	Multivariate Calculus		6	60	2022			
		CC-10	Ring Theory and Linear Algebra I	10	6	60	2022			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry		6	54	2022	9.67	9.54	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2022			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2022			
	MATHEMATICS	CC-12	Mechanics I	6	6	36	2022	7.50	7.50	
V		DSE-1	Linear Programming	8	6	48	2022	7.50	7.50	Q
	MATHEMATICS	DSE-2	Probability & Statistics	8	6	48	2022			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2023			
	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	6	6	36	2023	8.25	0.05	
VI	MATHEMATICS	DSE-3	Project Work		6	54	2023	8.25	5 8.25	Q
	MATHEMATICS DSE-4 Mechanics II 9				6	54	2023			
· · · · ·		0,	sis of CCs & DSEs : 9.00				Letter G		Resul	t:Q
CGPA (Cur	nulative Grade Point Avera	ige) on the ba	sis of All Courses : 9.04				COLA			

Date of Publication of Result : 25.08.2023

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

Anindya Zoti Pal

**Controller of Examinations** 

Course Type		CGPA Lette	r 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
SEC - Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
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 I	Point Norms	
	90% to 100% 10	80% and above but below 90% 9	Percentage Conversion Formula: = (SGPA or CGPA×10) - 5.0
	70% and above but below 80% 8	60% and above but below 70% 7	*Letter Grade in CGPA is awarded on the basis
	50% and above but below 60% 6	40% and above but below 50% 5	of CCs and DSEs
	35% and above but below 40% 4	Below 35% Not Awarded (NA)	



#### Name : BROJAKISHORE GHOSH

Roll No. 200331000024

			Honours: PHYSIOLOG	Y						
Semester	Subject	Course	Course Title	Grade (G)	Credit Value	Grade Point	Credit Retained	bas	on the sis of	Result
No.	Subject	Code			(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	9	6	54	2020			
		CC-2	Biological Physics and Enzymes	8	6	48	2020			
I	I ZOOLOGY GE-1		Animal Diversity	8	6	48	2020	8.50	8.27	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2020			
	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	9	6	54	2021			
	rn i SiOLOG i	CC-4	Chemistry of Biomolecules	9	6	54	2021			Q
п	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2021	9.00	8.90	
Communicative English/MIL AECC-2		AECC-2	Communicative English	8	2	16	2021			
		CC-5	Circulating Body Fluids	8	6	48	2021			
	PHYSIOLOGY	CC-6	Circulation	8	6	48	2021			
Ш		CC-7	Functions of The Nervous System         9         6         54         2021         8		8.33	8.54	Q			
	BOTANY	GE-3	Plant Anatomy and Embryology	9 6 54 2021						
	PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants 9 2 18		18	2021				
		CC-8 Energy Balance, Metabolism and Nutrition		9	6	54	2022			
	PHYSIOLOGY	CC-9	Gastrointestinal Function	8	6	48	2022			
IV		CC-10	Respiration	9	6	54	2022	8.67	8.77	Q
	BOTANY	GE-4	Plant Physiology and Metabolism	9	6	54	2022			
	PHYSIOLOGY	SEC-2	Hematological Techniques	9	2	18	2022			
	PHYSIOLOGY	CC-11	Special Senses	8	6	48	2022			
	rn i SiOLOG i	CC-12	Endocrinology	8	6	48	2022	8.25	8.25	Q
V	V PHYSIOLOGY		Biological Statistics	9	6	54	2022	0.23	0.25	V V
	FILISIOLOGI	DSE-2	Sports and Exercise Physiology	8	6	48	2022			
	PHYSIOLOGY		Reproduction	9	6	54	2023			
3.71		CC-14	Formation and Excretion of Urine	8	6	48	2023	8.50	8.50	Q
VI	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	9	6	54	2023	0.50	0.30	
		DSE-4	Toxicology	8	6	48	2023			
			sis of CCs & DSEs : <b>8.50</b>				Letter Grade in CGPA : A+ Result : Q			t:Q
-			sis of All Courses : 8.54						Resul	t : Q

Date of Publication of Result : 25.08.2023

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

Anindya zyohi Pal

Course Type		CGPA Lette	r 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
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 Poi	int Norms		
90% to 100%	10	80% and above but below 90%	9	Percentage Conversion Formula: = (SGPA or CGPA×10) - 5.0
70% and above but below 80%	8	60% and above but below 70%	7	*Letter Grade in CGPA is awarded on the basis
50% and above but below 60%	6	40% and above but below 50%	5	of CCs and DSEs
35% and above but below 40%	4	Below 35% N	Not Awarded (NA)	



#### Name : DEEPANWIT CHATTERJEE

Roll No. 200331000025

			Honours: BOTANY							
Semester	Subject	Course	Course Title	Grade (G)	Credit Value	Grade Point	Credit Retained	ba	A on the sis of	Result
No.	Subject	Code	e Course rule		(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	BOTANY	CC-1	Microbiology and Phycology	8	6	48	2020			
	DUIANI	CC-2	Archegoniatae	8	6	48	2020			
Ι	ZOOLOGY	GE-1	Animal Diversity	7	6	42	2020	8.00	7.91	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
	BOTANY	CC-3	Mycology and Phytopathology	8	6	48	2021			
	BOTAN	CC-4	Morphology and Anatomy of Angiosperms	8	6	48	2021			
II	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2021	8.00	8.30	Q
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2021			
	III BOTANY CC-5 CC-6 CC-7 PHYSIOLOGY GE-3				6	54	2021			
			Plant Systematics	7	6	42	2021			
III			Economic Botany		6	48	2021	8.00	8.00	Q
			Respiratory and Cardiovascular Physiology	8	6	48	2021			
	BOTANY	SEC-1	Agricultural Botany	8	2	16	2021		_	
		CC-8 Palaeobotany & Palynology		9	6	54	2022			
	BOTANY	CC-9	Biomolecules and Cell Biology	7	6	42	2022			
IV		CC-10	Molecular Biology	7	6	42	2022	7.67	7.54	Q
1.	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	7	6	42	2022			
	BOTANY	SEC-2	Biofertilizers	8	2	16	2022			
	BOTANY	CC-11	Plant Physiology	5	6	30	2022			
	DUTANT	CC-12	Plant Metabolism	5	6	30	2022	6.25	6.25	Q
V	BOTANY	DSE-1	Reproductive Biology of Angiosperms	7	6	42	2022	0.23	0.25	V V
	BOTANT	DSE-2	Natural Resource Management	8	6	48	2022			
	BOTANY	CC-13	Genetics & Plant Breeding	6	6	36	2023			
3.71	BOTANT	CC-14	Plant Biotechnology	5	6	30	2023	5.75	5.75	Q
VI	BOTANY	DSE-3	Phytoremediation & Immunology	6	6	36	2023	5.75	5.75	
	DUTANI	DSE-4	Industrial and Environmental Microbiology	6	6	36	2023			
			sis of CCs & DSEs : <b>7.06</b> sis of All Courses : <b>7.27</b>				Letter Grade in CGPA : A Result			t:Q

Date of Publication of Result : 25.08.2023

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

Anindya zoti Pal

Course Type		CGPA Lette	r 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)		-	NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

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



#### Name : DIBYANGSHU CHANDRA

Roll No. 200331000027

			Honours: CHEMISTR	Y						
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		A on the sis of	Result
No.	Subject	Code	Course Thie	(G)	(V)	$(\mathbf{G} \times \mathbf{V})$	Year	CCs & DSEs	All Courses	Code
	CHEMISTRY	CC-1	Organic Chemistry-I	9	6	54	2020			
	CHEMISTRY	CC-2	Physical Chemistry-I	8	6	48	2020			
I	MATHEMATICS	GE-1	Differential Calculus	10	6	60	2020	8.50	8.82	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2020			
	CHEMISTRY	CC-3	Inorganic Chemistry-I	10	6	60	2021			
	CHEMISTRY	CC-4	Organic Chemistry-II	10	6	60	2021			
II	MATHEMATICS	GE-2	Differential Equations	10	6	60	2021	10.00	9.80	Q
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2021			
		CC-5	Physical Chemistry-II	10	6	60	2021			
	CHEMISTRY		Inorganic Chemistry-II	9	6	54	2021			
III	III	CC-7	Organic Chemistry-III	9	6	54	2021	9.33	9.23	Q
	PHYSICS GE-3		Thermal Physics and Statistical Mechanics	9	6	54	2021			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	9	2	18	2021			
		CC-8	Physical Chemistry-III	9	6	54	2022			
	CHEMISTRY	CC-9	Inorganic Chemistry-III	9	6	54	2022			
IV		CC-10	Organic Chemistry - IV	10	6	60	2022	9.33	9.31	Q
	PHYSICS	GE-4	Waves and Optics	9	6	54	2022			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	10	2	20	2022			
	CHEMISTRY	CC-11	Inorganic Chemistry-IV	7	6	42	2022			
* 7	CHEMISTKT	CC-12	Organic Chemistry-V	8	6	48	2022	8.00	8.00	Q
V	CHEMISTRY	DSE-1	Advanced Physical Chemistry	8	6	48	2022	8.00	8.00	Ų Ų
	CHEMISTKT	DSE-2	Analytical Methods in Chemistry	9	6	54	2022			
	CHEMISTRY CC-13 Inorganic Chemistry-V CC-14 Physical Chemistry-IV		Inorganic Chemistry-V	9	6	54	2023			
			8	6	48	2023	× 50	8.50		
VI	CHEMISTRY	DSE-3	Green Chemistry	8	6	48	2023	8.50 8.50		Q
	DSE-4 Dissertation Followed by Power Point Presentation 9						2023			
	nulative Grade Point Avera nulative Grade Point Avera	-	sis of CCs & DSEs : 8.83				Letter Grade in CGPA : A+		Resul	t : Q
COFA (CUI	nulative Orace round Avera	ige) on the ba	515 01 All Coulses . 0.75				00-11	· ·	1	

Date of Publication of Result : 25.08.2023

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

Anindya zyohi Pal

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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

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



#### Name : DIPASMIT PALCHAUDHURI

Roll No. 200331000028

			Honours: ZOOLOGY							
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the sis of	Result
No.	Subject	Code		(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	ZOOLOGY	CC-1	Non-chordates I	9	6	54	2020			
	2002001	CC-2	Ecology	9	6	54	2020			
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	10	6	60	2020	9.00	9.45	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	40	2020					
	ZOOLOGY	CC-3	Non-chordates II	9	6	54	2021			
	2001001	CC-4	Cell Biology	9	6	54	2021			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	10	6	60	2021	9.00	9.30	Q
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
			Chordates	10	6	60	2021			
	ZOOLOGY	CC-6	Animal Physiology: Controlling and Coordinating Systems Fundamentals of Biochemistry Plant Anatomy and Embryology		6	54	2021	0.22		Q
III		CC-7			6	54	2021	9.33	9.31	
	BOTANY	GE-3			6	54	2021			
	ZOOLOGY	SEC-1	Apiculture	10	2	20	2021			
		CC-8	Comparative Anatomy of Vertebrates	10	6	60	2022			
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	10	6	60	2022			
IV		CC-10	Immunology	10	6	60	2022	10.00	10.00	Q
	BOTANY	GE-4	Plant Physiology and Metabolism	10	6	60	2022			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	10	2	20	2022			
	ZOOLOGY	CC-11	Molecular Biology	8	6	48	2022			
v		CC-12 DSE-1	Genetics	9	6	54	2022	8.75	8.75	Q
	v ZOOLOGY		Animal Biotechnology	9	6	54	2022			
		DSE-2	Parasitology	9	6	54	2022			
	ZOOLOGY	CC-13	Developmental Biology	9	6	54	2023			
VI		CC-14	Evolutionary Biology	9	6 6	54	2023	8.50	8.50	Q
, , , , , , , , , , , , , , , , , , ,	ZOOLOGY	DSE-3	Animal Behaviour 7			42	2023		8.50	
		DSE-4	Endocrinology	9	6	54	2023			
		0,	sis of CCs & DSEs : <b>9.06</b> sis of All Courses : <b>9.23</b>				Letter Grade in CGPA : O			t:Q
con (cui	numere Grade i Onit Avera	150) on the Da	515 01 7 HI COULSUS . 7 HO					-		

Date of Publication of Result : 25.08.2023

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

Anindya zohi Pal

Course Type		CGPA Lette	r 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)		-	NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

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



Name : DIPTESH SAHA

Roll No. 200331000029

			Honours: PHYSICS							
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	ba	A on the sis of	Result
No.	Bubjeet	Code	course mue	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	PHYSICS	CC-1	Mathematical Physics-I	9	6	54	2020			
	rinsics	CC-2	Mechanics	8	6	48	2020			
Ι	MATHEMATICS	GE-1	Differential Calculus	9	6	54	2020	8.50	8.73	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
	PHYSICS	CC-3	Electricity and Magnetism	9	6	54	2021			
	1115105	CC-4	Waves and Optics	9	6	54	2021			
II	MATHEMATICS	GE-2	Differential Equations	10	6	60	2021	9.00	9.20	Q
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2021			
		CC-5	Mathematical Physics-II	9	6	54	2021			
	III PHYSICS CC-6 CC-7 CHEMISTRY GE-3		Thermal Physics	9	6	54	2021			Q
III			Digital Systems and Applications	9	6	54	2021	9.00	9.00	
			Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2021			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	9	2	18	2021			
		CC-8	Mathematical Physics-III	9	6	54	2022			
	PHYSICS	CC-9	Elements of Modern Physics Analog Systems & Applications		6	54	2022	_		
		CC-10			6	54	2022		0.00	
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2022	9.00	9.08	Q
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	10	2	20	2022			
	PHYSICS	CC-11	Quantum Mechanics and Applications	6	6	36	2022			
••	PHISICS	CC-12	Solid State Physics	7	6	42	2022	6.50	6.50	Q
V	PHYSICS	DSE-1	Advanced Mathematical Physics	9	6	54	2022	0.50	0.50	V V
	PHISICS	DSE-2	Classical Dynamics	4	6	24	2022			
	PHYSICS	CC-13	Electromagnetic Theory	5	6	30	2023			
			Statistical Mechanics	7	6	42	2023	6.25	6.25	
VI	PHYSICS	DSE-3	Nuclear and Particle Physics	5	6	30	2023	0.23	5 6.25	Q
	rnisits	48	2023							
	nulative Grade Point Avera nulative Grade Point Avera		sis of CCs & DSEs : <b>7.78</b> sis of All Courses : <b>8.11</b>				Letter Gi CGPA		Result : Q	

Date of Publication of Result : 25.08.2023

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

Anindya zoti Pal

Course Type		CGPA Lette	r 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

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



Name : DIYA SETH

Roll No. 200331000030

			Honours: BOTANY							
Semester No.	Subject	Course Code	Course Title	Grade	Credit Value	Grade Point	Credit Retained	ba	on the sis of	Result
INO.		Code		(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	BOTANY	CC-1	Microbiology and Phycology	9	6	54	2020			
	DOTANT	CC-2	Archegoniatae	10	6	60	2020			
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	10	6	60	2020	9.50	9.36	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2020			
	BOTANY	CC-3	Mycology and Phytopathology	10	6	60	2021			
	BUTANT	CC-4	Morphology and Anatomy of Angiosperms	10	6	60	2021			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	10	6	60	2021	10.00	9.90	Q
	Communicative English/MIL	AECC-2	AECC-2 Bengali		2	18	2021			
		CC-5	Plant Ecology and Phytogeography	10	6	60	2021			
	BOTANY		Plant Systematics	9	6	54	2021			
III		CC-7	Economic Botany		6	54	2021	9.33	9.00	Q
	ZOOLOGY	OLOGY GE-3 Physiology and Biochemistry		8	6	48	2021			
	BOTANY	SEC-1	Agricultural Botany	9	2	18	2021			
		CC-8	Palaeobotany & Palynology	10	6	60	2022			
	BOTANY	CC-9	Biomolecules and Cell Biology	9	6	54	2022			
IV		CC-10	Molecular Biology	10	6	60	2022	9.67	9.46	Q
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	9	6	54	2022			
	BOTANY	SEC-2	Biofertilizers	9	2	18	2022			
	BOTANY	CC-11	Plant Physiology	9	6	54	2022			
3.7	DUIANI	CC-12	Plant Metabolism	10	6	60	2022	9.75	9.75	Q
V	BOTANY	DSE-1	Reproductive Biology of Angiosperms	10	6	60	2022	9.75	9.15	
	DSE-2 Natural F		Natural Resource Management	10	6	60	2022			
	BOTANY	CC-13	Genetics & Plant Breeding	10	6	60	2023			
<b>X</b> / <b>T</b>	DUTANT	CC-14	Plant Biotechnology	10	6	60	2023	10.00	10.00	
VI	BOTANY	DSE-3	Phytoremediation & Immunology	10	6	60	2023	10.00	0 10.00	Q
	DSE-4 Industrial and Environmental Microbiology		10	6	60	2023				
· · ·		0,	sis of CCs & DSEs : 9.72				Letter Grade in CGPA : O		Resul	t:Q
CGPA (Cu	mulative Grade Point Aver	age) on the ba	sis of All Courses : 9.56				COLA			

Date of Publication of Result : 25.08.2023

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

Anindya Zoti Pal

Course Type		CGPA Lette	r 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
SEC - Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
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 Po	int Norms		
90% to 100%	10	80% and above but below 90%	9	<b>Percentage Conversion Formula:</b> = (SGPA or CGPA×10) - 5.0
70% and above but below 80%	8	60% and above but below 70%	7	*Letter Grade in CGPA is awarded on the basis
50% and above but below 60%	6	40% and above but below 50%	5	of CCs and DSEs
35% and above but below 40%	4	Below 35% Not Awarded (NA	A)	



Name : GOPAL DUTTA

Roll No. 200331000031

			Honours: ZOOLOGY							
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	ba	on the sis of	Result
No.	Bubject	Code	course rule	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	ZOOLOGY	CC-1	Non-chordates I	9	6	54	2020			
	2001001	CC-2	Ecology	9	6	54	2020			
I	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	8	6	48	2020	9.00	8.73	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
	ZOOLOGY	CC-3	Non-chordates II	9	6	54	2021			
	2001001	CC-4	Cell Biology	9	6	54	2021			
П	BOTANY	GE-2	Plant Ecology and Taxonomy	9	6	54	2021	9.00	9.00	Q
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			<u> </u>
	ZOOLOGY		Chordates	9	6	54	2021			
			Animal Physiology: Controlling and Coordinating Systems	9	6	54	2021			
III	III	CC-7	Fundamentals of Biochemistry	9	6	54	2021	9.00	9.00	Q
	CHEMISTRY	GE-3 Chemical Energetic, Equilibria, Organic Chemistry		9	6	54	2021			
	ZOOLOGY	SEC-1	Apiculture	9	2	18	2021			
		CC-8	Comparative Anatomy of Vertebrates	9	6	54	2022			
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	8	6	48	2022			
		CC-10	Immunology	9	6	54	2022		0.55	
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2022	8.67	8.77	Q
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	9	2	18	2022			
	700L0CV	CC-11	Molecular Biology	7	6	42	2022			
	ZOOLOGY	CC-12	Genetics	8	6	48	2022	0.05	0.05	
V	7001.002	DSE-1	Animal Biotechnology	9	6	54	2022	8.25	8.25	Q
	ZOOLOGY		Parasitology	9	6	54	2022	]		
	700L0CV	CC-13	Developmental Biology	9	6	54	2023			
	ZOOLOGY	OLOGY CC-14 Evolutionary Biology		8	6	48	2023	8.00	8.00	
VI	ZOOLOGY	DSE-3	Animal Behaviour	7	6	42	2023	8.00	8.00	Q
	DSE-4 Endocrinology				6	48	2023			
			sis of CCs & DSEs : <b>8.56</b> sis of All Courses : <b>8.62</b>				Letter G CGPA		Resul	t:Q

CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.62

Date of Publication of Result : 25.08.2023

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

Anindya zohi Pal

**Controller of Examinations** 

Course Type		CGPA Lette	r 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		PNC - Programme Not Cleared [CGPA on the basis of
SEC - Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

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



#### Name : GOPINATH MONDAL

Roll No. 200331000032

			Honours: MATHEMATI	CS						
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	ba	on the sis of	Result
No.	Bubjeet	Code	course mile	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	10	6	60	2020			
	MATHEMATICS	CC-2	Algebra	10	6	60	2020			
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2020	10.00	9.55	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	2020						
	MATHEMATICS	CC-3	Real Analysis	10	6	60	2021			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	10	6	60	2021			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	10	6	60	2021	10.00	9.90	Q
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
	MATHEMATICS C		Theory of Real Functions & Introduction to Metric Spaces	10	6	60	2021			
			Group Theory I	10	6	60	2021			
III		CC-7	Numerical Methods		6	60	2021	10.00	9.77	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	9	6	54	2021			
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2021			
		CC-8	Riemann Integration and Series of Functions	9	6	54	2022			
	MATHEMATICS	CC-9	Multivariate Calculus	10	6	60	2022	1		
IV		CC-10	Ring Theory and Linear Algebra I	10	6	60	2022	9.67	9.54	Q
	PHYSICS	GE-4	Waves and Optics	9	6	54	2022			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2022			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2022			
	MATHEMATICS	CC-12	Mechanics I	5	6	30	2022	5.75	5.75	
V	MATHEMATICS	DSE-1	Linear Programming	7	6	42	2022	5.75	5.75	Q
			Probability & Statistics	5	6	30	2022			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	5	6	30	2023			
x / x	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	6	6	36	2023	675	6.75	
VI	MATHEMATICS	DSE-3	Project Work	9	6	54	2023 6.75		0.75	Q
	MATHEMATICS	DSE-4	Mechanics II	7	6	42	2023			
	CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>8.28</b> CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.52</b>						Letter Gi CGPA	Resul	Result : Q	
			515 01 7 H1 COUISCS . 0.52							

Date of Publication of Result : 25.08.2023

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

Anindya zohi Pal

Course Type		CGPA Lette	r 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

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



Name : GOURANGA DHAI

Roll No. 200331000033

			Honours: BOTANY							
Semester	Subject	Course	Course Title	Grade (G)	Credit Value	Grade Point	Credit Retained		on the sis of	Result
No.	Subject	Code	Course True		(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	BOTANY	CC-1	Microbiology and Phycology	7	6	42	2020			
	DUIANI	CC-2	Archegoniatae	8	6	48	2020			
Ι	ZOOLOGY	GE-1	Animal Diversity	6	6	36	2020	7.50	7.36	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	adamentals of Environmental Studies 9 4						
	BOTANY	CC-3	Mycology and Phytopathology	9	6	54	2021			
	DUIANI	CC-4	Morphology and Anatomy of Angiosperms	7	6	42	2021			
п	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2021	8.00 8.0	8.00	Q
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2021			
	BOTANY CC-5 CC-6 CC-7 PHYSIOLOGY GE-3		Plant Ecology and Phytogeography	7	6	42	2021			
			Plant Systematics	7	6	42	2021			
III			Economic Botany	6	6	36	2021	6.67	6.77	Q
			Respiratory and Cardiovascular Physiology		6	42	2021			
	BOTANY	SEC-1	Agricultural Botany	7	2	14	2021			
		CC-8 Palaeobotany & Palynology		9	6	54	2022			
	BOTANY	CC-9	Biomolecules and Cell Biology	7	6	42	2022			Q
IV		CC-10	Molecular Biology	7	6	42	2022	7.67	7.77	
1.4	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	8	6	48	2022	,,	,,	×
	BOTANY	SEC-2	Biofertilizers	8	2	16	2022			
	BOTANY	CC-11	Plant Physiology	5	6	30	2022			
	DUIANI	CC-12	Plant Metabolism	5	6	30	2022	6.25	6.25	Q
v	POTANY	DSE-1	Reproductive Biology of Angiosperms	7	6	42	2022	0.25	0.25	
	BOTANY DSE-2 Na		Natural Resource Management	8	6	48	2022			
	BOTANY	CC-13	Genetics & Plant Breeding	5	6	30	2023			
3.71	BOTANT	CC-14	Plant Biotechnology	6	6	36	2023	6.00	6.00	Q
VI	BOTANY	DSE-3	Phytoremediation & Immunology	7	6	42	2023	0.00	0.00	
	DUIANI	Industrial and Environmental Microbiology	6	6	36	2023				
			sis of CCs & DSEs : <b>6.83</b> sis of All Courses : <b>7.00</b>				Letter Grade in CGPA : B+ Result : Q			t:Q

Date of Publication of Result : 25.08.2023

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

# Anindya zohi Pal

Course Type		CGPA Lette	r 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

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



Name : GOURI MONDAL

Roll No. 200331000034

			Honours: PHYSIOL	OGY						
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the sis of	Result
No.	Subject	Code	Course The	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	9	6	54	2020			
	PHISIOLOGI	CC-2	Biological Physics and Enzymes	9	6	54	2020			
I	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	8	6	48	2020	9.00	8.73	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	36	2020					
	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	Physiology of Nerve and Muscle Cells 9 6 54						
	rnisiologi	CC-4	Chemistry of Biomolecules	10	6	60	2021			
П	BOTANY	GE-2	Plant Ecology and Taxonomy	9	6	54	2021	9.50	9.30	Q
	Communicative English/MIL	AECC-2	Communicative English							
		CC-5 Circulating Body Fluids 10 6 60		60	2021					
	PHYSIOLOGY		Circulation	9	6	54	2021			
III		CC-7	Functions of The Nervous System	9	6	54	2021	9.33	9.08	Q
	ZOOLOGY	GE-3	Physiology and Biochemistry	8	6	48	2021			
	PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	10	2	20	2021			
		CC-8	Energy Balance, Metabolism and Nutrition	10	6	60	2022			
	PHYSIOLOGY	CC-9	Gastrointestinal Function	9	6	54	2022	]		
IV		CC-10	Respiration	10	6	60	2022	9.67	9.31	Q
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2022			
	PHYSIOLOGY	SEC-2	Hematological Techniques	10	2	20	2022			
	PHYSIOLOGY	CC-11	Special Senses	9	6	54	2022			
v		CC-12	Endocrinology	9	6	54	2022	9.25	9.25	Q
v	PHYSIOLOGY	DSE-1	Biological Statistics	9	6	54	2022	2.20	1.20	×
	11115102001	DSE-2	Sports and Exercise Physiology	-	10 6 60		2022			
	PHYSIOLOGY	CC-13	· · · · · · · · · · · · · · · · · · ·		2023					
VI	CC-14		Formation and Excretion of Urine		6	48	2023	8.75	8.75	Q
V I	PHYSIOLOGY		Human Nutrition and Dietetics	9	6	54	2023	0.75	0.75	
	DSE-4 Toxicology 9 6 54							2023		
		-	sis of CCs & DSEs : <b>9.22</b> sis of All Courses : <b>9.07</b>				Letter Gi CGPA		Result : Q	
	inulative Grade I ollit Avela	$a_5c$ on the ba	313 01 7 11 COUISCS . <b>J.V</b> /						1	

Date of Publication of Result : 25.08.2023

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

Anindya zohi Pal

Course Type		CGPA Lette	r 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

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



#### Name : HAREKRISHNA GHORAI

Roll No. 200331000035

			Honours: MATHEMATI	CS						
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	ba	on the sis of	Result
No.	Subject	Code	course rule	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	10	6	60	2020			
	MATHEMATICS	CC-2	Algebra	10	6	60	2020			
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	ases, Redox Reactions, General Organic 9			2020	10.00	9.55	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	2020						
	MATHEMATICS	CC-3	Real Analysis	10	6	60	2021			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	10	6	60	2021			
Π	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements		6	60	2021	10.00	9.90	Q
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
	CC-5 Spaces		Theory of Real Functions & Introduction to Metric Spaces	9	6	54	2021			
	MATHEMATICS	CC-6	Group Theory I	10	6	60	2021			
III		CC-7	Numerical Methods 1		6	60	2021	9.67	9.54	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	9	6	54	2021			
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2021			
		CC-8	Riemann Integration and Series of Functions	9	6	54	2022			
	MATHEMATICS	CC-9	Multivariate Calculus	9	6	54	2022			Q
IV		CC-10	Ring Theory and Linear Algebra I	10	6	60	2022	9.33	9.31	
	PHYSICS	GE-4	Waves and Optics	9	6	54	2022			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2022			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2022			
	MATTEMATICS	CC-12	Mechanics I	5	6	30	2022	6.00	6.00	
V	MATHEMATICS	DSE-1	Linear Programming	7	6	42	2022	0.00	0.00	Q
	MATTEMATICS	DSE-2	Probability & Statistics	6	6	36	2022			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	6	6	36	2023			
1.77	CC-14 Ring Theory and Linear Alg		Ring Theory and Linear Algebra II	6	6	36	2023	6.75	6.75	Q
VI	MATHEMATICS DSE-3 Project Work 8 6 48		48	2023	0.75	0.75				
	MATHEMATICS	DSE-4	Mechanics II	7	6	42	2023			
		-	sis of CCs & DSEs : <b>8.22</b>				Letter Gi CGPA		Resul	t:Q
CGPA (Cur	nulative Grade Point Aver	-	sis of All Courses : 8.48				CGPA	: A+	nesu	

Date of Publication of Result : 25.08.2023

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

Anindya zohi Pal

Course Type		CGPA Lette	r 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

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



Name : ITISHA SADHU

Roll No. 200331000036

Semester No.										
No.	Subject Course Course Title		Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the sis of	Result
		Code		(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
D	PHYSICS	CC-1	Mathematical Physics-I	9	6	54	2020			
r	1115105	CC-2	Mechanics	9	6	54	2020			
I N	MATHEMATICS	GE-1	Differential Calculus	10	6	60	2020	9.00	9.27	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
P	PHYSICS	CC-3	Electricity and Magnetism	9	6	54	2021			
	1115105	CC-4	Waves and Optics	9	6	54	2021			
II N	MATHEMATICS	GE-2	Differential Equations	10	6	60	2021	9.00	9.30	Q
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
		CC-5	Mathematical Physics-II	9	6	54	2021			
Р	PHYSICS		Thermal Physics	9	6	54	2021			
III		CC-7	Digital Systems and Applications	9	6	54	2021	9.00	9.00	Q
C	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2021			
Р	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	9	2	18	2021			
		CC-8	Mathematical Physics-III	9	6	54	2022			
Р	PHYSICS	CC-9	Elements of Modern Physics	9	6	54	2022			
		CC-10	Analog Systems & Applications	9	6	54	2022	0.00	0.00	
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2022	9.00	9.00	Q
Р	PHYSICS	SEC-2	Electrical Circuits and Network Skills	9	2	18	2022			
п	PHYSICS	CC-11	Quantum Mechanics and Applications	7	6	42	2022			
	-115105	CC-12	Solid State Physics	7	6	42	2022	7.25	7.25	Q
V	PHYSICS	DSE-1	Advanced Mathematical Physics	9	6	54	2022	1.23	1.25	
r	1115105	DSE-2	Classical Dynamics	6	6	36	2022			
D	PHYSICS	CC-13	Electromagnetic Theory	7	6	42	2023			
	CC-14 Statistical Mechanics		Statistical Mechanics	8	6	48	2023	7.75	7 75	0
VI	PHYSICS DSE-3 Nuclear and Particle Physics 7		6	42	2023	1.15	5 7.75	Q		
P		DSE-4	Astronomy and Astrophysics	9	6	54	2023			
		-	sis of CCs & DSEs : <b>8.33</b> sis of All Courses : <b>8.58</b>				Letter Grade in CGPA : A+			t:Q

Date of Publication of Result : 25.08.2023

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

Anindya zoti Pal

Course Type		CGPA Lette	r 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		PNC - Programme Not Cleared [CGPA on the basis of
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	90% to 100%	10	80% and above but below 90%	9	<b>Percentage Conversion Formula:</b> = (SGPA or CGPA×10) - 5.0
	70% and above but below 80%	8	60% and above but below 70%	7	*Letter Grade in CGPA is awarded on the basis of CCs and DSEs
1022-001-0-0	50% and above but below 60%	6	40% and above but below 50%	5	or ces and bses
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



Name : JISHU SARKAR

Roll No. 200331000038

			Honours: MICROBIOLO	GY							
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	ba	on the sis of	Result	
No.	Bubjeet	Code		(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code	
	MICROBIOLOGY	CC-1	Introduction to Microbiology and Microbial Diversity	8	6	48	2020				
		CC-2	Bacteriology	8	6	48	2020				
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	Bases, Redox Reactions, General Organic 9 6 5				8.00	8.45	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	Sundamentals of Environmental Studies 9 4 36							
	MICROPIOLOCY	CC-3	Biochemistry	8	6	48	2021				
	MICROBIOLOGY	CC-4	Virology	9	6	54	2021				
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2021	8.50	8.60	Q	
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2021				
		CC-5	Microbial Physiology & Metabolism	8	6	48	2021				
	MICROBIOLOGY CC-6		Cell Biology	7	6	42	2021				
III		CC-7	Molecular Biology	8	6	48	2021	7.67	7.77	Q	
	BOTANY	GE-3	Plant Anatomy and Embryology 8 6 48		2021						
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	8	2	16	2021				
		CC-8	Microbial Genetics	8	6	48	2022				
	MICROBIOLOGY	CC-9	Environmental Microbiology	9	6	54	2022				
IV		CC-10	Food and Dairy Microbiology	8	6	48	2022	8.33	8.54	Q	
	BOTANY	GE-4	Plant Physiology and Metabolism	9	6	54	2022				
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	9	2	18	2022				
	MICDODIOLOCY	CC-11	Industrial Microbiology	8	6	48	2022				
	MICROBIOLOGY	CC-12	Immunology	8	6	48	2022				
V	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	9	6	54	2022	8.25	8.25	Q	
		DSE-2	Instrumentation and Biotechniques	8	6	48	2022				
	MICRODIOLOCY	CC-13	Medical Microbiology		6	42	2023				
	MICROBIOLOGY	CC-14	Recombinant DNA Technology	7	6	42	2023	7.25	7.05		
VI	VI		Advances in Microbiology	7	6	42	2023	7.25	7.25	Q	
	MICROBIOLOGY DSE-4 Bio-Safety and Intellectual Property Rights 8 6 48						2023				
	GPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.94							Resul	t:Q		
CGPA (Cur	nulative Grade Point Avera	ge) on the ba	sis of All Courses : 0.13					• •			

Date of Publication of Result : 25.08.2023

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

35% and above but below 40%

Anindya zoti Pal

#### **Controller of Examinations**

Course T	pe		CGP	A Lette	er Grades			Result Codes	
CC – Core Course		CGPA	Letter Gra	ade	CGPA	Letter Grade	Q – Q	ualified	
GE - Generic Elective		9 and above	O (Outstand	ding)	5 to below 6	B (Average)	SNC - Semester Not Cleared		
DSE – Discipline Specific	Elective	8 to below 9	A+ (Excell	lent)	4 to below 5	P (Pass)	PNC -	- Programme Not Cleared [CGPA on the basis of	
SEC - Skill Enhancement	Course			CCs and DSEs.<5 or any one or more semester(s) not cleared]					
AECC – Ability Enhancen Course	CC – Ability Enhancement Compulsory 6		B+ (Goo	d)	1)			enotes "NotComputed" due to absence in C1, C2 4 as applicable.	
			Grade Poi	int Nor	ms				
	90% to 100%		10	80% ar	0% and above but below 90%		9	Percentage Conversion Formula: = (SGPA or CGPA×10) - 5.0	
	70% and above but	below 80%	8	60% and above but below 70%		7	*Letter Grade in CGPA is awarded on the basis		
	50% and above but	below 60%	6	40% ar	nd above but below 5	0%	5	of CCs and DSEs	

Below 35%

Not Awarded (NA)

4



#### Name : KHANDEKAR NOOR EARAFIN

Roll No. 200331000040

			Honours: ZOOLOGY							
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	ba	A on the sis of	Result
No.	Bubjeet	Code		(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	ZOOLOGY	CC-1	Non-chordates I	9	6	54	2020			
	2001001	CC-2	Ecology	9	6	54	2020			
Ι	PHYSIOLOGY	GE-1	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	6	42	2020	9.00	8.45	Q	
	ENVIRONMENTAL STUDIES	Fundamentals of Environmental Studies	9	4	36	2020				
	ZOOLOGY	CC-3	Non-chordates II	9	6	54	2021			
	2001001	Cell Biology	9	6	54	2021				
Π	PHYSIOLOGY	GE-2	Digestion and Metabolism	9	6	54	2021	9.00	8.90	Q
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2021			
		CC-5	Chordates	9	6	54	2021			
	ZOOLOGY	CC-6	Animal Physiology: Controlling and Coordinating Systems		6	54	2021		8.77	
III		CC-7	Fundamentals of Biochemistry	9	6	54	2021	9.00	8.77	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2021			
	ZOOLOGY	SEC-1	Apiculture	9	2	18	2021			
		CC-8	Comparative Anatomy of Vertebrates		6	60	2022			
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	9	6	54	2022			
		CC-10	Immunology	8	6	48	2022			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2022	9.00	8.69	Q
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	8	2	16	2022	1		
	7001.001/	CC-11	Molecular Biology	7	6	42	2022			
	ZOOLOGY	CC-12	Genetics	6	6	36	2022	7.00	7.00	
V	7001.001	DSE-1	Animal Biotechnology	7	6	42	2022	7.00	7.00	Q
	ZOOLOGY	DSE-2	Parasitology	8	6	48	2022	]		
	7001 0CV	CC-13	Developmental Biology	8	6	48	2023			
	ZOOLOGY	CC-14	Evolutionary Biology	7	6	42	2023	7 75	7 75	
VI	7001 0CV	DSE-3	Animal Behaviour	8	6	48	2023 7.75		7.75	Q
	ZOOLOGY	DSE-4	Endocrinology	8	6	48	2023	]		
			sis of CCs & DSEs : <b>8.28</b> sis of All Courses : <b>8.25</b>				Letter G CGPA		Result : Q	
							I		I	

Date of Publication of Result : 25.08.2023

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

Anindya zohi Pal

Course Type		CGPA Lette	r 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
AECC – Ability Enhancement Compulsory Course	hancement Compulsory 6 to below 7 B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.	

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



#### Name : KHEYA CHAKRABORTY

Roll No. 200331000041

			Honours: MICROBIOLO	GY						
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	ba	on the sis of	Result
No.	Bubjeet	Code		(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MICROBIOLOGY	CC-1	Introduction to Microbiology and Microbial Diversity	9	6	54	2020			
		CC-2	Bacteriology	9	6	54	2020			
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	Bases, Redox Reactions, General Organic 9 6						Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
	MICROBIOLOGY	CC-3	Biochemistry	9	6	54	2021			
	MICKOBIOLOGI	CC-4	Virology	9	6	54	2021			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2021	9.00	9.00	Q
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
		CC-5	Microbial Physiology & Metabolism	8	6	48	2021			
	MICROBIOLOGY	CC-6	Cell Biology	8	6	48	2021			
III		CC-7	Molecular Biology	9	6	54	2021	8.33	8.46	Q
	BOTANY	GE-3	Plant Anatomy and Embryology		6	54	2021			
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	8	2	16	2021			
		CC-8	Microbial Genetics	8	6	48	2022			
	MICROBIOLOGY	CC-9	Environmental Microbiology	8	6	48	2022			
IV		CC-10	Food and Dairy Microbiology	8	6	48	2022	8.00	8.23	Q
	BOTANY	GE-4	Plant Physiology and Metabolism	9	6	54	2022			
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	8	2	16	2022			
	MICROBIOLOGY	CC-11	Industrial Microbiology	6	6	36	2022			
	MICKOBIOLOGI	CC-12	Immunology	7	6	42	2022			
V	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	7	6	42	2022	6.50	6.50	Q
	DSE-2 Instrumentation and Biotechniques		Instrumentation and Biotechniques	6	6	36	2022			
	MICROPIOLOCY	CC-13	Medical Microbiology	5	6	30	2023			
	MICROBIOLOGY	CC-14	Recombinant DNA Technology	5	6	30	2023	5 75	5.75	
VI	MICROPIOLOCY	DSE-3	Advances in Microbiology	6	6	36	2023	5.75	5.75	Q
	MICROBIOLOGY	DSE-4	Bio-Safety and Intellectual Property Rights 7 6 42			42	2023			
	CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>7.44</b> CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>7.79</b>								Result : Q	
CGPA (Cur	nulative Grace Point Avera	ge) on the ba	sis of All Courses : 1.19				CGPA			

Date of Publication of Result : 25.08.2023

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

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**Controller of Examinations** 

Course Ty	ре		CGF	PA Lette	er Grades			Result Codes	
CC – Core Course		CGPA	Letter Gr	ade	CGPA	Letter Grade	Q – Qualified		
GE - Generic Elective		9 and above	O (Outstan	ding)	5 to below 6	B (Average)	SNC -	- Semester Not Cleared	
DSE – Discipline Specific Elective		8 to below 9	A+ (Excellent) 4		4 to below 5	P (Pass)		Programme Not Cleared [CGPA on the basis of	
SEC – Skill Enhancement G	Course	7 to below 8	A (Very G	ood)	Below 4	F (Fail)	CCs a not cle	nd DSEs.<5 or any one or more semester(s) is/are eared]	
AECC – Ability Enhancem Course	ent Compulsory	6 to below 7	B+ (Goo	od)		NC denotes "NotComputed" due to absence and C4 as applicable.			
			Grade Po	int Nor	ms				
	90% to 100%		10	80% an	nd above but below 90	%	9	<b>Percentage Conversion Formula:</b> = (SGPA or CGPA×10) - 5.0	
	70% and above but	below 80%	8	60% an	60% and above but below 70%		7	*Letter Grade in CGPA is awarded on the basis	
	50% and above but	below 60%	6	40% an	nd above but below 50	%	5	of CCs and DSEs	
	35% and above but	below 40%	4	Below 35%		Not Awarded (	NA)		



Name : LOKNATH SAHA

Roll No. 200331000043

			Honours: MICROBIOLO	GY						
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	ba	on the sis of	Result
No.	Bubject	Code		(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MICROBIOLOGY	CC-1	Introduction to Microbiology and Microbial Diversity	9	6	54	2020			
		CC-2	Bacteriology	9	6	54	2020			
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	ases, Redox Reactions, General Organic 9 6						Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies		4	36	2020			
	MICROBIOLOGY	CC-3	Biochemistry	10	6	60	2021			
	MICKOBIOLOGI	CC-4	Virology	9	6	54	2021			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2021	9.50	9.30	Q
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
		CC-5	Microbial Physiology & Metabolism	9	6	54	2021			
	MICROBIOLOGY	CC-6	Cell Biology	7	6	42	2021			
III		CC-7	Molecular Biology	9	6	54	2021	8.33	8.46	Q
	BOTANY	GE-3	Plant Anatomy and Embryology		6	54	2021			
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	8	2	16	2021			
		CC-8	Microbial Genetics	8	6	48	2022			
	MICROBIOLOGY	CC-9	Environmental Microbiology	9	6	54	2022			
IV		CC-10	Food and Dairy Microbiology	8	6	48	2022	8.33	8.54	Q
	BOTANY	GE-4	Plant Physiology and Metabolism	9	6	54	2022			
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	9	2	18	2022			
	MICROBIOLOGY	CC-11	Industrial Microbiology	7	6	42	2022			
	MICKOBIOLOGI	CC-12	Immunology	6	6	36	2022			
V	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	6	6	36	2022	6.25	6.25	Q
		DSE-2	Instrumentation and Biotechniques	6	6	36	2022			
	MICDODIOLOGY	CC-13	Medical Microbiology	6	6	36	2023			
	MICROBIOLOGY	CC-14	Recombinant DNA Technology	5	6	30	2023	6.00	6.00	
VI	MICROBIOLOGY	DSE-3	Advances in Microbiology	6	6	36	2023	6.00	6.00	Q
	DSE-		Bio-Safety and Intellectual Property Rights 7 6 42				2023			
			sis of CCs & DSEs : 7.56				Letter G		n Result : Q	
CGPA (Cur	nulative Grade Point Avera	ige) on the ba	sis of All Courses : 7.09					• •		

Date of Publication of Result : 25.08.2023

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

70% and above but below 80%

50% and above but below 60%

35% and above but below 40%

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#### **Controller of Examinations**

*Letter Grade in CGPA is awarded on the basis

of CCs and DSEs

7

5

Not Awarded (NA)

Course Typ	be		CGP	A Lette	r Grades			Result Codes	
CC – Core Course		CGPA	Letter Gra	ade	CGPA	Letter Grade	Q – Q	ualified	
GE - Generic Elective		9 and above	O (Outstand	ding)	5 to below 6	B (Average)	SNC – Semester Not Cleared		
DSE – Discipline Specific E	lective	8 to below 9	A+ (Excell	lent)	4 to below 5	P (Pass)	PNC -	- Programme Not Cleared [CGPA on the basis of	
SEC – Skill Enhancement Course		7 to below 8	A (Very G	ood)	Below 4	F (Fail)	CCs a not cle	nd DSEs.<5 or any one or more semester(s) is/are eared]	
AECC – Ability Enhanceme Course	ent Compulsory	6 to below 7	B+ (Goo	d)			enotes "NotComputed" due to absence in C1, C2 4 as applicable.		
			Grade Po	int Nor	ms				
	90% to 100%		10 80% and above but below 90%			%	9	Percentage Conversion Formula: = (SGPA or CGPA×10) - 5.0	

60% and above but below 70%

40% and above but below 50%

Below 35%

8

6

4



Name : MARUFA NASRIN

Roll No. 200331000044

			Honours: BOTANY							
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the sis of	Result
No.	Bubjeet	Code	course rule	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	BOTANY	CC-1	Microbiology and Phycology	7	6	42	2020			
	DUTANT	CC-2	Archegoniatae	8	6	48	2020			
Ι	ZOOLOGY	GE-1	Animal Diversity	6	6	36	2020	7.50	7.36	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
	BOTANY	CC-3	Mycology and Phytopathology	8	6	48	2021			
	CC-4 Morphology and Anatomy of Angiosperms				6	48	2021			
Π	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2021	8.00	8.00	Q
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2021			
		CC-5	Plant Ecology and Phytogeography	9	6	54	2021			
	BOTANY	CC-6	Plant Systematics	8	6	48	2021			
III		CC-7	Economic Botany	8	6	48	2021	8.33	8.23	Q
	PHYSIOLOGY GE-3		Respiratory and Cardiovascular Physiology	8	6	48	2021			
	BOTANY	SEC-1	Agricultural Botany	8	2	16	2021			
		CC-8	Palaeobotany & Palynology		6	54	2022			
	BOTANY	CC-9	Biomolecules and Cell Biology	8	6	48	2022			
IV		CC-10	Molecular Biology	9	6	54	2022	8.67	8.54	Q
1 v	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	8	6	48	2022	0107	010 1	×
	BOTANY	SEC-2	Biofertilizers	9	2	18	2022			
	BOTANY	CC-11	Plant Physiology	7	6	42	2022			
•••	BUTANT	CC-12	Plant Metabolism	7	6	42	2022	7.75	7.75	
V	BOTANY	DSE-1	Reproductive Biology of Angiosperms	8	6	48	2022	1.15	1.15	Q
	DUTANT	DSE-2	Natural Resource Management	9	6	54	2022			
	BOTANY	CC-13	Genetics & Plant Breeding	7	6	42	2023			
1.77	DUTANI	CC-14	Plant Biotechnology	8	6	48	2023	7.50	7.50	
VI	BOTANY	DSE-3	Phytoremediation & Immunology	8	6	48	2023	7.50	7.50	Q
	BOTANY		Industrial and Environmental Microbiology	7	6	42	2023			
	CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>7.94</b> CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>7.92</b>								Result : Q	

Date of Publication of Result : 25.08.2023

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

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Course Type		CGPA Lette	r 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
AECC – Ability Enhancement Compulsory Course	P Enhancement Compulsory 6 to below 7 B+ (Good)		NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.		

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



#### Name : MD AZAHARUDDIN KHAN

Roll No. 200331000045

			Honours: MICROBIOLO	GY						
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the sis of	Result
No.	Bubjeet	Code		(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MICROBIOLOGY	CC-1	Introduction to Microbiology and Microbial Diversity	9	6	54	2020			
		CC-2	Bacteriology	9	6	54	2020			
I	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	9	6	54	2020	9.00	9.00	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
	MICROBIOLOGY	CC-3	Biochemistry	10	6	60	2021			
	MICKOBIOLOGI	CC-4	Virology	10	6	60	2021			
П	BOTANY	GE-2	Plant Ecology and Taxonomy	10	6	60	2021	10.00	9.90	Q
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
			Microbial Physiology & Metabolism		6	54	2021			
	MICROBIOLOGY	CC-6	Cell Biology		6	48	2021			
III		CC-7	Molecular Biology	9	6	54	2021	8.67	8.77	Q
	CHEMISTRY GE-		Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2021			
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	9	2	18	2021			
		CC-8	Microbial Genetics	9	6	54	2022			
	MICROBIOLOGY	CC-9	Environmental Microbiology	8	6	48	2022			
		CC-10	Food and Dairy Microbiology	9	6	54	2022	0.47	0.55	
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2022	8.67	8.77	Q
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	9	2	18	2022			
	MICROPIOLOCY	CC-11	Industrial Microbiology	7	6	42	2022			
	MICROBIOLOGY	CC-12	Immunology	7	6	42	2022			
V	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	8	6	48	2022	7.25	7.25	Q
		DSE-2	Instrumentation and Biotechniques	7	6	42	2022			
	MICDODIOLOGY	CC-13	Medical Microbiology	6	6	36	2023			
	MICROBIOLOGY	CC-14	Recombinant DNA Technology	6	6	36	2023	6.75	6.75	
VI	MICROPIOLOCY	DSE-3	Advances in Microbiology	7	6	42	2023	0.75	0.75	Q
	MICROBIOLOGY		Bio-Safety and Intellectual Property Rights	8	6	48	2023			
	CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>8.11</b> CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.37</b>								Result : Q	
COFACCU	nulative Orace Foliit Avela	ige) on the ba	515 01 All Coulses . 0.01				CGPA			

Date of Publication of Result : 25.08.2023

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

35% and above but below 40%

Anindya zoti Pal

**Controller of Examinations** 

Course Ty	уре		CGF	PA Lette	er Grades			Result Codes	
CC – Core Course		CGPA	Letter Gr	ade	CGPA	Letter Grade	Q – Qualified		
GE - Generic Elective		9 and above	O (Outstan	ding)	5 to below 6	B (Average)	SNC -	- Semester Not Cleared	
DSE – Discipline Specific	8 to below 9	A+ (Excel				- Programme Not Cleared [CGPA on the basis of			
SEC – Skill Enhancement	7 to below 8	A (Very G	ood)	Below 4	F (Fail)	CCs a not cl	nd DSEs.<5 or any one or more semester(s) is/are eared]		
AECC – Ability Enhancement Compulsory Course		6 to below 7	B+ (Goo	od)				enotes "NotComputed" due to absence in C1, C2 4 as applicable.	
			Grade Po	int Nor	ms				
	90% to 100%		10	80% ai	nd above but below 9	0%	9	<b>Percentage Conversion Formula:</b> = (SGPA or CGPA×10) - 5.0	
70% and above but		below 80%	8 60% and above but b		nd above but below 7	0%	7	*Letter Grade in CGPA is awarded on the basis	
	50% and above but below 60% 6		6	40% ai	40% and above but below 50%		5	of CCs and DSEs	

Not Awarded (NA)

Below 35%

4



#### Name : MD INTAJ HOSSAIN

Roll No. 200331000046

	Honours: PHYSIOLOGY										
Semester	Subject	Course			Credit Value	Grade Point	Credit Retained	bas	on the sis of	Result	
No.	Bubjeet	Code	course rive	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code	
	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	8	6	48	2020				
	FILISIOLOGI	CC-2	Biological Physics and Enzymes	9	6	54	2020				
I	ZOOLOGY	GE-1	Animal Diversity	8	6	48	2020	8.50	8.45	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020				
	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	8	6	48	2021				
	FILISIOLOOT	CC-4	Chemistry of Biomolecules	8	6	48	2021				
п	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2021	8.00	8.30	Q	
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2021				
		CC-5	Circulating Body Fluids	8	6	48	2021				
	PHYSIOLOGY	CC-6	Circulation Functions of The Nervous System Plant Anatomy and Embryology		6	48	2021				
III	III	CC-7			6	48	2021	8.00	8.15	Q	
	BOTANY	GE-3			6	48	2021				
	PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	10	2	20	2021				
	CC-		Energy Balance, Metabolism and Nutrition	8	6	48	2022				
	PHYSIOLOGY	CC-9	Gastrointestinal Function	8 6 48 2022							
IV		CC-10	Respiration	9	6	54	2022	8.33 8.31		Q	
	BOTANY	GE-4	Plant Physiology and Metabolism	8	6	48	2022				
	PHYSIOLOGY	SEC-2	Hematological Techniques	9	2	18	2022				
	PHYSIOLOGY	CC-11	Special Senses	8	6	48	2022				
v		CC-12	Endocrinology	9	6	54	2022	8.50	8.50	Q	
v	PHYSIOLOGY	DSE-1	Biological Statistics	9	6	54	2022	0.50	0.50	×	
	DS		Sports and Exercise Physiology	8	6	48	2022				
	PHYSIOLOGY	CC-13	Reproduction	9	6	54	2023				
VI		CC-14	Formation and Excretion of Urine	8	6	48	2023	8.75	8.75	Q	
VI	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	9	6	54	2023	0.75 0.75			
L	DSE-4 Toxicology 9 6 54										
	CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>8.39</b> CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.41</b>							Letter Grade in CGPA : A+		Result : Q	
	nulative Grade Foliit Avera	age) on me ba	515 UI AII COUISES . U.TI				00111				

Date of Publication of Result : 25.08.2023

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

Anindya zoti Pal

Course Type		CGPA Lette	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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
AECC – Ability Enhancement Compulsory Course			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.		

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



#### Name : MD MONIRUZZAMAN

Roll No. 200331000047

	Honours: PHYSIOLOGY										
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the sis of	Result	
No.	Bubjeet	Code	course rine	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code	
	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	9	6	54	2020				
	riffsiolog i	CC-2	Biological Physics and Enzymes	9	6	54	2020				
I	ZOOLOGY	GE-1	Animal Diversity	7	6	42	2020	9.00	8.45	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020				
	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	9	6	54	2021				
	rn isiolog i	CC-4	Chemistry of Biomolecules	9	6	54	2021				
П	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2021	9.00	8.60	Q	
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2021				
		CC-5	Circulating Body Fluids Circulation		6	48	2021				
	PHYSIOLOGY	CC-6			6	48	2021				
III	III CC-7 BOTANY GE-3		Junctions of The Nervous System96542021		2021	8.33	8.31	Q			
			Plant Anatomy and Embryology	8	6	48	2021				
	PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	9	2	18	2021				
	CC-		Energy Balance, Metabolism and Nutrition	8	6	48	2022				
	PHYSIOLOGY	CC-9	Gastrointestinal Function		6	48	2022				
IV		CC-10	Respiration	9 6 54 2022 8.33		8.33	8.08	Q			
	BOTANY	GE-4	Plant Physiology and Metabolism	7	6	42	2022				
	PHYSIOLOGY	SEC-2	Hematological Techniques	9	2	18	2022				
	PHYSIOLOGY	CC-11	Special Senses	6	6	36	2022				
v		CC-12	Endocrinology	7	6	42	2022	7.00	7.00	Q	
v	PHYSIOLOGY	DSE-1	Biological Statistics	8	6	48	2022	7.00	7.00	×	
	PHISIOLOGI		Sports and Exercise Physiology	7	6	42	2022				
	PHYSIOLOGY	CC-13	Reproduction	8	6	48	2023				
VI		CC-14	Formation and Excretion of Urine	7	6	42	2023	8.00	8.00	Q	
VI	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics		6	54	2023	0.00	0.00	V V	
		DSE-4	Toxicology	8	6	48	2023				
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>8.11</b>								Letter Grade in CGPA : A+		Result : Q	
COPA (Cur	CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.06										

Date of Publication of Result : 25.08.2023

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

Anindya zoti Pal

Course Type		CGPA Lette	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		PNC - Programme Not Cleared [CGPA on the basis of
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

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



#### Name : MD RAJIBUL ISLAM

Roll No. 200331000048

	Honours: PHYSIOLOGY										
Semester	Subject	Course			Credit Value	Grade Point	Credit Retained	bas	A on the sis of	Result	
No.	Jee Jee	Code		(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code	
	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	9	6	54	2020				
	TITSIOLOOT	CC-2	Biological Physics and Enzymes	9	6	54	2020				
I	ZOOLOGY	GE-1	Animal Diversity	8	6	48	2020	9.00	8.73	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020				
	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	9	6	54	2021				
	rn15l0L001	CC-4	Chemistry of Biomolecules	9	6	54	2021				
П	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2021	9.00	8.90	Q	
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2021				
		CC-5	Circulating Body Fluids	8	6	48	2021				
	PHYSIOLOGY	CC-6	Circulation		6	48	2021				
III	III	CC-7	Functions of The Nervous System	8	6	48	2021	8.00	8.08	Q	
	BOTANY	GE-3	Plant Anatomy and Embryology	8	6	48	2021	21			
	PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	9	2	18	2021				
	(		Energy Balance, Metabolism and Nutrition	8	6	48	2022				
	PHYSIOLOGY	CC-9	Gastrointestinal Function	7	6	42	2022				
IV		CC-10	Respiration	7	6	42	2022	7.33	7.54	Q	
	BOTANY	GE-4	Plant Physiology and Metabolism	8	6	48	2022				
	PHYSIOLOGY	SEC-2	Hematological Techniques	8	2	16	2022				
	PHYSIOLOGY	CC-11	Special Senses	8	6	48	2022				
v	TITSIOLOOT	CC-12	Endocrinology	7	6	42	2022	7.50	7.50	Q	
v	PHYSIOLOGY	DSE-1	Biological Statistics	8	6	48	2022	7.50	7.50		
	11115102001	DSE-2	Sports and Exercise Physiology	7	6	42	2022				
	PHYSIOLOGY	CC-13	Reproduction	7	6	42	2023				
VI	rn i SIULUG I	CC-14	Formation and Excretion of Urine	7	6	42	2023	7.50	7.50	Q	
VI	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics86482023		7.50	7.50	V V				
	DSE-4 Toxicology 8 6 48										
	CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>7.89</b> CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.00</b>							Letter Grade in CGPA : A		Result : Q	
COFA (CUI	nulative Grade Found Avera	age) on me ba	sis of All Courses . 0.00				0011				

Date of Publication of Result : 25.08.2023

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

Anindya zoti Pal

Course Type		CGPA Lette	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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
AECC – Ability Enhancement Compulsory Course				NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.	

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



#### Name : MD SAIDUR RAHAMAN

Roll No. 200331000049

			Honours: MICROBIOLO	GY						
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the sis of	Result
No.	Bubjeet	Code		(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MICROBIOLOGY	CC-1	Introduction to Microbiology and Microbial Diversity	9	6	54	2020			
		CC-2	Bacteriology	9	6	54	2020			
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	10	6	60	2020	9.00	9.27	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
	MICDODIOLOCY	CC-3	Biochemistry	9	6	54	2021			
	MICROBIOLOGY	CC-4	Virology	9	6	54	2021			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	10	6	60	2021	9.00	9.30	Q
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
		CC-5	Microbial Physiology & Metabolism	8	6	48	2021			
1	MICROBIOLOGY	CC-6	Cell Biology	8	6	48	2021			
III		CC-7	Molecular Biology	9	6	54	2021	8.33	8.00	Q
	BOTANY	GE-3	Plant Anatomy and Embryology	7	6	42	2021			
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	8	2	16	2021			<u> </u>
		CC-8	Microbial Genetics	8	6	48	2022			
	MICROBIOLOGY	CC-9	Environmental Microbiology	8	6	48	2022			
IV		CC-10	Food and Dairy Microbiology	9	6	54	2022	8.33	8.46	Q
	BOTANY	GE-4	Plant Physiology and Metabolism	9	6	54	2022			
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	8	2	16	2022			
	MICROBIOLOGY	CC-11	Industrial Microbiology	7	6	42	2022			
	MICKOBIOLOGI	CC-12	Immunology	7	6	42	2022			
V	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	7	6	42	2022	7.00	7.00	Q
	DSE		Instrumentation and Biotechniques	7	6	42	2022			
	MICROBIOLOGY	CC-13	Medical Microbiology	7	6	42	2023			
		CC-14	Recombinant DNA Technology	6	6	36	2023	7.00	7.00	
VI DSE-3					2023	7.00	00 7.00	Q		
MICROBIOLOGY		DSE-4	Advances in Microbiology7642Bio-Safety and Intellectual Property Rights8648				2023			
	CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.89       Letter Grade in         CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.13       CGPA : A				Resul	t:Q				
CGPA (Cur	nulative Grade Point Avera	ge) on me ba	sis of All Courses : 0.13				COL	• 11	intestine . Q	

Date of Publication of Result : 25.08.2023

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

35% and above but below 40%

Anindya zoti Pal

### **Controller of Examinations**

Course Ty	pe		CGI	PA Lette	er Grades		Result Codes			
CC – Core Course		CGPA	Letter Gr	ade	CGPA	Letter Grade	Q – Qualified			
GE - Generic Elective		9 and above	O (Outstan	ding)	5 to below 6	B (Average)	SNC - Semester Not Cleared			
DSE – Discipline Specific	Elective	8 to below 9	A+ (Excel	lent)	4 to below 5	P (Pass)		- Programme Not Cleared [CGPA on the basis of		
SEC - Skill Enhancement	7 to below 8	A (Very G	ood)	Below 4	F (Fail)	CCs a not cle	nd DSEs.<5 or any one or more semester(s) is/are eared]			
AECC – Ability Enhancement Compulsory Course		6 to below 7	B+ (Goo	od)	d)			enotes "NotComputed" due to absence in C1, C2 4 as applicable.		
			Grade Point Norms							
	90% to 100%		10	80% and above but below 9		%	9	Percentage Conversion Formula: = (SGPA or CGPA×10) - 5.0		
70% and above but below 80%		8	60% ar	60% and above but below 70%		7	*Letter Grade in CGPA is awarded on the basis			
	50% and above but	below 60%	6	40% ar	nd above but below 50	%	5	of CCs and DSEs		

Below 35%

Not Awarded (NA)

4



Name : MRITUNJAY GARAI Γ

#### TTOO

Roll No. 200331000050

			Honours: MATHEMATI	CS						
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	ba	A on the sis of	Result
No.	S axjeet	Code		(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	10	6	60	2020			
	MATHEMATICS	CC-2	Algebra	10	6	60	2020			
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2020	10.00	9.55	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
	MATHEMATICS	CC-3	Real Analysis	10	6	60	2021			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	10	6	60	2021			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	10	6	60	2021	10.00	9.90	Q
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	10	6	60	2021			
	MATHEMATICS	CC-6	Group Theory I	10	6	60	2021			
III		CC-7	Numerical Methods	9	6	54	2021	9.67	9.54	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	9	6	54	2021			
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2021			
		CC-8	Riemann Integration and Series of Functions	9	6	54	2022			
	MATHEMATICS	CC-9	Multivariate Calculus	9	6	54	2022			
IV		CC-10	Ring Theory and Linear Algebra I	10	6	60	2022	9.33	9.08	Q
	PHYSICS	GE-4	Waves and Optics	8	6	48	2022			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2022			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	5	6	30	2022			
	MATHEMATICS	CC-12	Mechanics I	6	6	36	2022	6.25	6.25	
V	MATHEMATICS	DSE-1	Linear Programming	8	6	48	2022	0.25	0.23	Q
	MATHEMATICS	DSE-2	Probability & Statistics	6	6	36	2022			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	6	6	36	2023			
x / x	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	5	6	30	2023	6.75	6.75	
VI	MATHEMATICS DSE-3 Project Work	Project Work	8	6	48	2023	0.75	0.75	Q	
	MATHEMATICS	DSE-4	Mechanics II	8	6	48	2023			
,		0,	sis of CCs & DSEs : <b>8.28</b> sis of All Courses : <b>8.48</b>				Letter Gi CGPA		Resul	t:Q
							L		I	

Date of Publication of Result : 25.08.2023

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

Anindya zoti Pal

Course Type		CGPA Lette	r 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
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 Po	int Norms		
90% to 100%	10	80% and above but below 90%	9	<b>Percentage Conversion Formula:</b> = (SGPA or CGPA×10) - 5.0
70% and above but below 80%	8	60% and above but below 70%	7	*Letter Grade in CGPA is awarded on the basis
50% and above but below 60%	6	40% and above but below 50%	5	of CCs and DSEs
35% and above but below 40%	4	Below 35% Not Awa	rded (NA)	



Name : NASRIN SULTANA

Roll No. 200331000051

			Honours: CHEMISTRY	Z						
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the sis of	Result
No.	Subject	Code	Course The	(G)	(V)	$(\mathbf{G} \times \mathbf{V})$	Year	CCs & DSEs	All Courses	Code
	CHEMISTRY	CC-1	Organic Chemistry-I	9	6	54	2020			
	CHEWIISTKT	CC-2	Physical Chemistry-I	9	6	54	2020			
Ι	PHYSICS	GE-1	Mechanics	10	6	60	2020	9.00	9.27	Q
	ENVIRONMENTAL STUDIES AECC-1 Fundamentals of Environm		Fundamentals of Environmental Studies	9	4	36	2020			
	CHEMISTRY	CC-3	Inorganic Chemistry-I	9	6	54	2021			
	CHEWISTKT	CC-4	Organic Chemistry-II	9	6	54	2021			
II	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2021	9.00	8.90	Q
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2021			
		CC-5	Physical Chemistry-II	9	6	54	2021			
CHEMISTRY	CC-6	Inorganic Chemistry-II	9	6	54	2021				
III	ш	CC-7	Organic Chemistry-III	9	6	54	2021	9.00	9.23	Q
	MATHEMATICS	GE-3	Real Analysis         10         6         60         2021							
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	9	2	18	2021			
		CC-8	Physical Chemistry-III	9	6	54	2022			
	CHEMISTRY	CC-9	Inorganic Chemistry-III	9	6	54	2022			
IV		CC-10	Organic Chemistry - IV	9	6	54	2022	9.00	9.08	Q
	MATHEMATICS	GE-4	Algebra	9	6	54	2022			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	10	2	20	2022			
	CHEMISTRY	CC-11	Inorganic Chemistry-IV	8	6	48	2022			
	CHEWISTKY	CC-12	Organic Chemistry-V	8	6	48	2022	8.25	8.25	0
V	CHEMISTRY	DSE-1	Advanced Physical Chemistry	8	6	48	2022	0.23	0.23	Q
	CHEWIISTKT	DSE-2	Analytical Methods in Chemistry	9	6	54	2022			
	CHEMISTRY	CC-13	Inorganic Chemistry-V	8	6	48	2023			
		CC-14	Physical Chemistry-IV	9	6	54	2023	8.75	8.75	
VI	CHEMISTRY	DSE-3	Green Chemistry	8	6	48	2023	8.73	8.75	Q
		DSE-4	Dissertation Followed by Power Point Presentation	10	6	60	2023			
· · · · · · · · · · · · · · · · · · ·	GPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>8.78</b> GPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.92</b>						Letter Gi CGPA		Resul	t : Q

Date of Publication of Result : 25.08.2023

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

Anindya zyohi Pal

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

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



#### Name : NATASHA YEASMIN

Roll No. 200331000052

			Honours: PHYSIOLOG	Y						
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	ba	on the sis of	Result
No.	Bubjeet	Code	course mae	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	10	6	60	2020			
		CC-2	Biological Physics and Enzymes	10	6	60	2020			
I	ZOOLOGY	GE-1	Animal Diversity	7	6	42	2020	10.00	8.82	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2020			
	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	10	6	60	2021			
	rn i siolog i	CC-4	Chemistry of Biomolecules	10	6	60	2021			
II ZOOLOGY GE-2 Comparative Anatomy & Developmental Biology of Vertebrates					6	54	2021	10.00	9.60	Q
	Communicative English/MIL AECC-2 Communicative English		Communicative English	9	2	18	2021			
	CC-5 Circulating Body Fluids		10	6	60	2021				
PHYSIOLOGY	CC-6	Circulation	10	6	60	2021				
III	III		Functions of The Nervous System	9	6	54	2021	9.67	9.31	Q
	BOTANY	GE-3	Plant Anatomy and Embryology	8	6	48	2021			
	PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	10	2	20	2021			
		CC-8	Energy Balance, Metabolism and Nutrition	10	6	60	2022			
	PHYSIOLOGY	CC-9	Gastrointestinal Function	9	6	54	2022			
IV		CC-10	Respiration	10	6	60	2022	9.67	9.54	Q
	BOTANY	GE-4	Plant Physiology and Metabolism	9	6	54	2022			
	PHYSIOLOGY	SEC-2	Hematological Techniques	10	2	20	2022			
	PHYSIOLOGY	CC-11	Special Senses	9	6	54	2022			
v	riffsioLoot	CC-12	Endocrinology	10	6	60	2022	9.75	9.75	Q
v	PHYSIOLOGY	DSE-1	Biological Statistics	10	6	60	2022	9.75	9.75	V V
		DSE-2	Sports and Exercise Physiology	10	6	60	2022			
	PHYSIOLOGY	CC-13	Reproduction	10	6	60	2023			
VI		CC-14	Formation and Excretion of Urine	9	6	54	2023	9.25	9.25	Q
VI	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	9	6	54	2023	9.23	7.23	V V
	DSE-4 1		Toxicology 9 6 54			54	2023			
	CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>9.67</b> CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>9.38</b>					Letter Gi CGPA		Resul	t:Q	
COPA (Cur	nulative Grade Point Avera	ige) on the ba	sis of All Courses : 9.30							

Date of Publication of Result : 25.08.2023

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

Anindya zoti Pal

Course Type			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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

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



#### Name : NILADRI SHANKAR GHOSH

Roll No. 200331000053

			Honours: MATHEMATI	CS						
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	ba	A on the sis of	Result
No.	Subject	Code	course rive	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	10	6	60	2020			
	MATHEMATICS	CC-2	Algebra	10	6	60	2020			
Ι	PHYSICS	GE-1	Mechanics	9	6	54	2020	10.00	9.55	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
	MATHEMATICS	CC-3	Real Analysis	10	6	60	2021			
	MATTEMATICS	CC-4	Differential Equations and Vector Calculus	10	6	60	2021			
Π	PHYSICS	GE-2	Electricity and Magnetism	10	6	60	2021	10.00	9.90	Q
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	10	6	60	2021			
MATHEMATICS		CC-6	Group Theory I	10	6	60	2021		0.77	
III	ш		Numerical Methods	10	6	60	2021	10.00	9.77	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2021			
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2021			<u> </u>
		CC-8	Riemann Integration and Series of Functions	10	6	60	2022			
	MATHEMATICS	CC-9	Multivariate Calculus	10	6	60	2022			
		CC-10	Ring Theory and Linear Algebra I	10	6	60	2022			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2022	10.00	9.77	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2022			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	5	6	30	2022			
	MATHEMATICS	CC-12	Mechanics I	5	6	30	2022	6.00	6.00	
V	MATHEMATICS	DSE-1	Linear Programming	9	6	54	2022	0.00	0.00	Q
	MATHEMATICS	DSE-2	Probability & Statistics	5	6	30	2022			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	8	6	48	2023			
	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	5	6	30	2023	7.75	7.75	
VI	I DSE-3 Project Work		9	6	54	2023	1.15	1.15	Q	
MATHEMATICS DSE-4 M		DSE-4	Mechanics II	54	2023					
		0,	sis of CCs & DSEs : <b>8.61</b> sis of All Courses : <b>8.77</b>				Letter G		Resul	t : Q
COPA (Cur	nulative Grade Point Aver	age) on me ba	ISIS OF AIT COURSES : 0.11				COIA	• • • • •		

Date of Publication of Result : 25.08.2023

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

Anindya Zoti Pal

**Controller of Examinations** 

Course Type		CGPA Lette	r 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)					
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]		
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.		
		Cuada Daint Nav					

	Grade F	oint Norms	
	90% to 100% 10	80% and above but below 90% 9	Percentage Conversion Formula: = (SGPA or CGPA×10) - 5.0
	70% and above but below 80% 8	60% and above but below 70% 7	*Letter Grade in CGPA is awarded on the basis
	50% and above but below 60% 6	40% and above but below 50% 5	of CCs and DSEs
	35% and above but below 40% 4	Below 35% Not Awarded (NA)	
	i la		1



Name : PRADIPTA DAS

Roll No. 200331000057

			Honours: PHYSICS							
Semester	Subject	Course	Course Title	Grade (G)	Credit Value	Grade Point	Credit Retained	ba	A on the sis of	Result
No.	Subject	Code			(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	PHYSICS	CC-1	Mathematical Physics-I	9	6	54	2020			
	1113105	CC-2	Mechanics	9	6	54	2020			
Ι	MATHEMATICS	GE-1	Differential Calculus	10	6	60	2020	9.00	9.27	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
	PHYSICS	CC-3	Electricity and Magnetism	10	6	60	2021			
	1115105	CC-4	Waves and Optics	9	6	54	2021			
II	MATHEMATICS	GE-2	Differential Equations	10	6	60	2021	9.50	9.60	Q
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
		CC-5	Mathematical Physics-II	9	6	54	2021			
	PHYSICS	CC-6	Thermal Physics	9	6	54	2021			
III		CC-7	Digital Systems and Applications	9	6	54	2021	9.00	9.00	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2021			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	9	2	18	2021			
	PHYSICS CC-8 CC-9	CC-8	Mathematical Physics-III	hysics-III 9 6		54	2022			
		CC-9	Elements of Modern Physics		6	54	2022			
		CC-10	Analog Systems & Applications	9	6	54	2022		0.00	
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2022	9.00	9.08	Q
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	10	2	20	2022			
	PHYSICS	CC-11	Quantum Mechanics and Applications	7	6	42	2022			
	PHISICS	CC-12	Solid State Physics	8	6	48	2022	7.00	7.00	
V	PHYSICS	DSE-1	Advanced Mathematical Physics	8	6	48	2022	7.00	7.00	Q
	PHISICS	DSE-2	Classical Dynamics	5	6	30	2022			
	PHYSICS	CC-13	Electromagnetic Theory	7	6	42	2023			
	rnisius	CC-14	Statistical Mechanics	8	6	48	2023	7.50	7.50	
VI	DUVSICS	DSE-3	Nuclear and Particle Physics		6	36	2023	7.50	) 7.50	Q
	PHYSICS DSE-4 Astronomy and Astroph		Astronomy and Astrophysics	9	6	54	2023			
			sis of CCs & DSEs : <b>8.28</b> sis of All Courses : <b>8.55</b>				Letter Gi CGPA		Resul	t:Q

Date of Publication of Result : 25.08.2023

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

Anindya zoti Pal

Course Type		CGPA Lette	er 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		PNC - Programme Not Cleared [CGPA on the basis of
SEC – Skill Enhancement Course	7 to below 8	8 A (Very Good) Below 4 F (Fail) CCs and DSEs.<5 or any one not cleared]		CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]	
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 Po	int Norms		
90% to 100%	10	80% and above but below 90%	9	<b>Percentage Conversion Formula:</b> = (SGPA or CGPA×10) - 5.0
70% and above but below 80%	8	60% and above but below 70%	7	*Letter Grade in CGPA is awarded on the basis of CCs and DSEs
50% and above but below 60%	6	40% and above but below 50%	5	or ees and DSES
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



#### Name : PRAHLAD MUKHERJEE

Roll No. 200331000058

			Honours: MATHEMATI	CS						
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	ba	on the sis of	Result
No.	Bubjeet	Code	course mile	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	10	6	60	2020			
	MATHEMATICS	CC-2	Algebra	10	6	60	2020			
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	10	6	60	2020	10.00	9.82	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
	MATHEMATICS	CC-3	Real Analysis	10	6	60	2021			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	10	6	60	2021			Q
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	10	6	60	2021	10.00	9.90	
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
	MATHEMATICS	CC-5	CC-6         Group Theory I         10         6         60		2021					
		CC-6			6	60	2021			
III		CC-7	Numerical Methods	10 6 60 2021		10.00	9.77	Q		
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	9	6	54	2021			
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2021			
		CC-8	Riemann Integration and Series of Functions	10	6	60	2022			
	MATHEMATICS	CC-9	Multivariate Calculus	10	6	60	2022			
IV		CC-10	Ring Theory and Linear Algebra I	10	6	60	2022	10.00	9.54	Q
	PHYSICS	GE-4	Waves and Optics	8	6	48	2022			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2022			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2022			
v	MATTIEMATICS	CC-12	Mechanics I	5	6	30	2022	5.25	5.25	Q
v	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2022	5.25	5.25	× ×
		DSE-2	Probability & Statistics	4	6	24	2022			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	6	6	36	2023			
VI		CC-14	Ring Theory and Linear Algebra II	5	6	30	2023	7.25	7.25	Q
V I	MATHEMATICS	DSE-3	-3 Project Work 10 6		6	60	2023	1.23	1.25	
		DSE-4	Mechanics II	8	6	48	2023			
		-	sis of CCs & DSEs : <b>8.33</b> sis of All Courses : <b>8.56</b>				Letter Gi CGPA		Resul	t:Q
		-								

Date of Publication of Result : 25.08.2023

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

Anindya zohi Pal

Course Type		CGPA Lette	r 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		PNC - Programme Not Cleared [CGPA on the basis of
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Gi	rade Po	int Norms		
90% to 100%	10	80% and above but below 90% 9		Percentage Conversion Formula: = (SGPA or CGPA×10) - 5.0
70% and above but below 80%	8	60% and above but below 70% 7	\$	*Letter Grade in CGPA is awarded on the basis
50% and above but below 60%	6	40% and above but below 50% 5	0	of CCs and DSEs
35% and above but below 40%	4	Below 35% Not Awarded (NA	)	



#### Name : PRATIBHA GORAIN

Roll No. 200331000061

			Honours: MATHEMATI	CS						
Semester	Subject	Course	Course Title	Grade (G)	Credit Value	Grade Point	Credit Retained	ba	A on the sis of	Result
No.	Subject	Code			(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	10	6	60	2020			
	MATHEMATICS	CC-2	Algebra	10	6	60	2020			
I	PHYSICS	GE-1	Mechanics	9	6	54	2020	10.00	9.55	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
	MATHEMATICS	CC-3	Real Analysis	10	6	60	2021			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	10	6	60	2021			
II	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2021	10.00 9.60		Q
	Communicative English/MIL	AECC-2	Bengali 9		2	18	2021			
	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	10	6	60	2021			
		CC-6	Group Theory I	10	6	60	2021			
III		CC-7	Numerical Methods	10	6	60	2021	10.00	9.77	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2021			
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2021			
	CC-8		CC-8 Riemann Integration and Series of Functions		6	60	2022			
	MATHEMATICS CC-9	CC-9	Multivariate Calculus	10	6	60	2022			
		CC-10	Ring Theory and Linear Algebra I	10	6	60	2022			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2022	10.00	9.77	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2022			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2022			
	MATHEMATICS	CC-12	Mechanics I	5	6	30	2022	7.00	7.00	
V	MATHEMATICS	DSE-1	Linear Programming	9	6	54	2022	7.00	7.00	Q
	MATHEMATICS	DSE-2	Probability & Statistics	7	6	42	2022			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	8	6	48	2023			
	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	5	6	30	2023	7.75	7 75	
VI	DSE-3		Project Work		6	54	2023	1.15	7.75	Q
	MATHEMATICS DSE-4		Mechanics II         9         6         54				2023			
			sis of CCs & DSEs : 8.83				Letter G		Result : Q	
CGPA (Cur	nulative Grade Point Avera	age) on the ba	sis of All Courses : 8.90					• 11		

Date of Publication of Result : 25.08.2023

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

Anindya zoti Pal

Course Type		CGPA Lette	r 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		PNC - Programme Not Cleared [CGPA on the basis of
SEC – Skill Enhancement Course					CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
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 P	Grade Point Norms						
	90% to 100% 10	80% and above but below 90% 9	<b>Percentage Conversion Formula:</b> = (SGPA or CGPA×10) - 5.0					
	70% and above but below 80% 8	60% and above but below 70% 7	*Letter Grade in CGPA is awarded on the basis					
	50% and above but below 60% 6	40% and above but below 50% 5	of CCs and DSEs					
	35% and above but below 40% 4	Below 35% Not Awarded (NA)						



Name : PRITI GHOSH

Roll No. 200331000063

			Honours: ZOOLOGY							
Semester	Subject	Course	Course Title	Grade (G)	Credit Value	Grade Point	Credit Retained	ba	on the sis of	Result
No.	Bubjeet	Code	course mite		(V)	(G×V)	<b>T</b> 7	CCs & DSEs	All Courses	Code
	ZOOLOGY	CC-1	Non-chordates I	8	6	48	2020			
	2001001	CC-2	Ecology	9	6	54	2020			
Ι	PHYSIOLOGY	GE-1	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	8	6	48	2020	8.50	8.45	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
	ZOOLOGY	CC-3	Non-chordates II	9	6	54	2021			
	2001001	CC-4	Cell Biology	9	6	54	2021		0.00	
II	PHYSIOLOGY	GE-2	Digestion and Metabolism	9	6	54	2021	9.00 8.90		Q
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2021			
		CC-5	Chordates	10	6	60	2021			
		CC-6	Animal Physiology: Controlling and Coordinating Systems	9	6	54	2021			
III		CC-7	Fundamentals of Biochemistry	9	6	54	2021	9.33	9.31	Q
	BOTANY	GE-3	Plant Anatomy and Embryology	9	6	54	2021			
	ZOOLOGY	SEC-1	Apiculture	10	2	20	2021			
	CC-8	CC-8	Comparative Anatomy of Vertebrates	10	6	60	2022			
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	9	6	54	2022			
IV		CC-10	Immunology	9	6	54	2022	9.33	9.23	Q
	BOTANY	GE-4	Plant Physiology and Metabolism	9	6	54	2022			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	9	2	18	2022			
	ZOOLOGY	CC-11	Molecular Biology	7	6	42	2022			
17	2001001	CC-12	Genetics	8	6	48	2022	8.00	8.00	Q
v	ZOOLOGY	DSE-1	Animal Biotechnology	8	6	48	2022	0.00	0.00	
	2002001	DSE-2	Parasitology	9	6	54	2022			
	ZOOLOGY	CC-13	Developmental Biology	8	6	48	2023			
VI	2002001	CC-14	Evolutionary Biology	8	6	48	2023	8.25	8 25	
V I	ZOOLOCY DSE-3		Animal Behaviour		6	48	2023	0.25	8.25	Q
	ZOOLOGY DSE-4		Endocrinology 9 6 54				2023			
			sis of CCs & DSEs : <b>8.67</b> sis of All Courses : <b>8.70</b>				Letter Gi CGPA	Resul	Result : Q	

Date of Publication of Result : 25.08.2023

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

Anindya zoti Pal

Course Type		CGPA Lette	er 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		PNC - Programme Not Cleared [CGPA on the basis of
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
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 Po	int Norms		
90% to 100%	10	80% and above but below 90%	9	<b>Percentage Conversion Formula:</b> = (SGPA or CGPA×10) - 5.0
70% and above but below 80%	8	60% and above but below 70%	7	*Letter Grade in CGPA is awarded on the basis of CCs and DSEs
50% and above but below 60%	6	40% and above but below 50%	5	of CCs and DSEs
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



Name : PRITI MONDAL

Roll No. 200331000064

			Honours: ZOOLOGY								
Semester	Subject	Course	Course Title	Grade (G)	Credit Value	Grade Point	Credit Retained	bas	on the sis of	Result	
No.	Subject	Code	le course rue		(V)	(G×V)	Year	CCs & DSEs	All Courses	Code	
	ZOOLOGY	CC-1	Non-chordates I	8	6	48	2020				
	2001001	CC-2	Ecology	8	6	48	2020				
Ι	PHYSIOLOGY	GE-1	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	9	6	54	2020	8.00	8.45	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020				
	ZOOLOGY	CC-3	Non-chordates II	8	6	48	2021				
	2002001	CC-4	Cell Biology	9	6	54	2021				
II	PHYSIOLOGY	GE-2	Digestion and Metabolism	10	6	60	2021	8.50	9.00	Q	
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021				
		CC-5	Chordates	9	6	54	2021				
	ZOOLOGY	Systems		9	6	54	2021		8.77	0	
Ш		CC-7	Fundamentals of Biochemistry	9	6	54	2021	9.00	8.77	Q	
	BOTANY	GE-3	Plant Anatomy and Embryology	8	6	48	2021				
	ZOOLOGY	SEC-1	Apiculture		2	18	2021				
		CC-8	Comparative Anatomy of Vertebrates		6	54	2022				
		CC-9	Animal Physiology: Life Sustaining Systems	9	6	54	2022				
IV		CC-10	Immunology	9	6	54	2022	9.00	8.92	Q	
	BOTANY	GE-4	Plant Physiology and Metabolism	9	6	54	2022				
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	8	2	16	2022				
	ZOOLOGY	CC-11	Molecular Biology	5	6	30	2022				
v	2002001	CC-12	Genetics	5	6	30	2022	5.50	5.50	Q	
v	ZOOLOGY	DSE-1	Animal Biotechnology	6	6	36	2022	5.50	5.50		
	2002001	DSE-2	Parasitology	6	6	36	2022				
	ZOOLOGY	CC-13	Developmental Biology	8	6	48	2023				
VI	2002001	CC-14	Evolutionary Biology	6	6	36	2023	7.50	7.50	Q	
V I	ZOOLOGY	DSE-3	Animal Behaviour	8	6	48	2023	7.50	1.50		
		DSE-4	Endocrinology	8	6	48	2023				
			sis of CCs & DSEs : <b>7.72</b> sis of All Courses : <b>8.01</b>				Letter G CGPA		Result : Q		

Date of Publication of Result : 25.08.2023

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

Anindya zoti Pal

Course Type		CGPA Lette	r 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		PNC - Programme Not Cleared [CGPA on the basis of
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
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 Po	int Norms		
90% to 100%	10	80% and above but below 90%	9	<b>Percentage Conversion Formula:</b> = (SGPA or CGPA×10) - 5.0
70% and above but below 80%	8	60% and above but below 70%	7	*Letter Grade in CGPA is awarded on the basis
50% and above but below 60%	6	40% and above but below 50%	5	of CCs and DSEs
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



Name : PRIYANKA ANKUR

Roll No. 200331000065

			Honours: PHYSICS								
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	ba	on the sis of	Result	
No.	Bubjeet	Code	course mile	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code	
	PHYSICS	CC-1	Mathematical Physics-I	8	6	48	2020				
	1113105	CC-2	Mechanics	9	6	54	2020				
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	10	6	60	2020	8.50	9.00	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020				
	PHYSICS	CC-3	Electricity and Magnetism	9	6	54	2021				
	PHISICS	CC-4	Waves and Optics	9	6	54	2021				
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2021	9.00	8.90	Q	
	Communicative English/MIL	AECC-2	Bengali		2	16	2021				
		CC-5	Mathematical Physics-II	9	6	54	2021				
	PHYSICS	CC-6	Thermal Physics	9	6	54	2021				
III		CC-7	Digital Systems and Applications	9	6	54	2021	9.00	9.00	Q	
	MATHEMATICS			54	2021						
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting		2	18	2021				
		CC-8	Mathematical Physics-III	9	6	54	2022				
	PHYSICS	CC-9	Elements of Modern Physics	9	6	54	2022				
IV		CC-10	Analog Systems & Applications	9	6	54	2022	9.00	9.23	Q	
	MATHEMATICS	GE-4	Algebra	10	6	60	2022				
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	9	2	18	2022				
	PHYSICS	CC-11	Quantum Mechanics and Applications	6	6	36	2022				
17	1115105	CC-12	Solid State Physics	7	6	42	2022	6.25	6.25	Q	
V	PHYSICS	DSE-1	Advanced Mathematical Physics	7	6	42	2022	0.25	0.25	V V	
	1115105	DSE-2	Classical Dynamics	5	6	30	2022				
	PHYSICS	CC-13	Electromagnetic Theory	6	6	36	2023				
VI		CC-14	Statistical Mechanics	7	6	42	2023	7.00	7.00	Q	
VI	PHYSICS	DSE-3	Nuclear and Particle Physics	6	6	36	2023	7.00	7.00		
	PHYSICS		Astronomy and Astrophysics 9 6 54				2023				
		-	sis of CCs & DSEs : 7.89				Letter Gi CGPA		Result : Q		
	nulative Grade Point Avera	-					CGPA		Resul	t:Q	

Date of Publication of Result : 25.08.2023

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

## Anindya Zoti Pal

Course Type		CGPA Lette	r 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
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	e Poi	nt Norms			
	90% to 100%	0	80% and above but below 90%	9	<b>Percentage Conversion Formula:</b> = (SGPA or CGPA×10) - 5.0	
	70% and above but below 80% 8	3	60% and above but below $70%$	7	*Letter Grade in CGPA is awarded on the basis	
	50% and above but below 60% 6	5	40% and above but below $50%$	5	of CCs and DSEs	
	35% and above but below 40% 4	1	Below 35%	Not Awarded (NA)		



Name : RAHIMODDIN SK Γ

Roll No. 200331000066

			Honours: MATHEMATI	CS							
Semester	Subject	Course	Course Title	Grade (G)	Credit Value	Grade Point	Credit Retained	ba	A on the sis of	Result	
No.	Bubject	Code			(V)	(G×V)	Year	CCs & DSEs	All Courses	Code	
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	10	6	60	2020				
	MATHEMATICS	CC-2	Algebra	10	6	60	2020				
Ι	PHYSICS	GE-1	Mechanics	10	6	60	2020	10.00	9.82	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020				
	MATHEMATICS	CC-3	Real Analysis	10	6	60	2021				
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	10	6	60	2021				
II	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2021	10.00	9.60	Q	
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021				
		CC-5 S		Theory of Real Functions & Introduction to Metric Spaces	9	6	54	2021			
	MATHEMATICS	CC-6	Group Theory I	10	6	60	2021				
III		CC-7	Numerical Methods	10	6	60	2021	9.67	9.54	Q	
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2021				
	MATHEMATICS	SEC-1	Logic and Sets		2	20	2021				
		CC-8	Riemann Integration and Series of Functions		6	54	2022				
		CC-9	Multivariate Calculus	10	6	60	2022				
		CC-10	Ring Theory and Linear Algebra I	10	6	60	2022				
IV	CHEMISTRY GE-4		Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2022	9.67	9.54	Q	
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2022				
		CC-11	Partial Differential Equations and Applications	7	6	42	2022				
	MATHEMATICS	CC-12	Mechanics I	5	6	30	2022	6.50	6.50		
V		DSE-1	Linear Programming	7	6	42	2022	0.50	0.50	Q	
	MATHEMATICS	DSE-2	Probability & Statistics	7	6	42	2022				
		CC-13	Metric Spaces and Complex Analysis	6	6	36	2023				
	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	5	6	30	2023	6.75	6.75		
VI		DSE-3	Project Work	8	6	48	2023	6.75	6.75	Q	
	MATHEMATICS	DSE-4	Mechanics II	8	6	48	2023				
-			sis of CCs & DSEs : <b>8.39</b> sis of All Courses : <b>8.61</b>				Letter G CGPA		Resul	t:Q	

Date of Publication of Result : 25.08.2023

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

Anindya zoti Pal

Course Type		CGPA Lette	r 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		PNC - Programme Not Cleared [CGPA on the basis of
SEC - Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

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



Name : RAJIB BHALLA

Roll No. 200331000068

			Honours: ZOOLOGY							
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	ba	on the sis of	Result
No.	Subject	Code	Course Thie	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	ZOOLOGY	CC-1	Non-chordates I	8	6	48	2020			
	2001001	CC-2	Ecology	8	6	48	2020			
Ι	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	7	6	42	2020	8.00	7.91	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
	ZOOLOGY	CC-3	Non-chordates II	9	6	54	2021			
	2001001	CC-4	Cell Biology	8	6	48	2021			
II	BOTANY	GE-2	Plant Ecology and Taxonomy	8	6	48	2021	8.50	8.30	Q
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2021			
		CC-5	Chordates	10	6	60	2021			
	ZOOLOGY	CC-6	Animal Physiology: Controlling and Coordinating Systems	9	6	54	2021			
III		CC-7	Fundamentals of Biochemistry	9	6	54	2021	9.33	9.00	Q
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	8	6	48	2021			
	ZOOLOGY	SEC-1	Apiculture	9	2	18	2021			
		CC-8	Comparative Anatomy of Vertebrates	9	6	54	2022			
		CC-9	Animal Physiology: Life Sustaining Systems		6	48	2022			
IV		CC-10	Immunology	8	6	48	2022	8.33	8.00	Q
	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	7	6	42	2022			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	8	2	16	2022			
	ZOOLOGY	CC-11	Molecular Biology	6	6	36	2022			
<b>X</b> 7	2001001	CC-12	Genetics	6	6	36	2022	6.00	6.00	Q
V	ZOOLOGY	DSE-1	Animal Biotechnology	6	6	36	2022	0.00	0.00	
	2001001	DSE-2	Parasitology	6	6	36	2022			
	ZOOLOGY	CC-13	Developmental Biology	7	6	42	2023			
VI	2001001	CC-14	Evolutionary Biology	7	6	42	2023	7.00	7.00	Q
VI	ZOOLOGY	DSE-3	Animal Behaviour	7	6	42	2023	7.00	7.00	
	DSE-4 Endocrinolog		Endocrinology	7	6	42	2023			
			sis of CCs & DSEs : <b>7.67</b> sis of All Courses : <b>7.70</b>				Letter Gi CGPA		Resul	t:Q
COLUM	numere Grade i Onit Avera	50) on the Da	515 01 7 H1 COULDUS . 7 + 1 V							

Date of Publication of Result : 25.08.2023  $SGPA(S) = \frac{\sum_{i=1}^{n} (G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum_{i=1}^{N} (V_i \times S_i)}{\sum_{i=1}^{N} V_i}$ 

Anindya Zoti Pal

**Controller of Examinations** 

Course Type		CGPA Lette	r 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		PNC - Programme Not Cleared [CGPA on the basis of
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
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 F	oint Norms	
	90% to 100% 10	80% and above but below 90% 9	<b>Percentage Conversion Formula:</b> = (SGPA or CGPA×10) - 5.0
	70% and above but below 80% 8	60% and above but below 70% 7	*Letter Grade in CGPA is awarded on the basis
	50% and above but below 60% 6	40% and above but below 50% 5	of CCs and DSEs
	35% and above but below 40% 4	Below 35% Not Awarded (NA)	



Name : RAJU MONDAL

Roll No. 200331000069

			Honours: CHEMISTRY	Y						
Semester	Subject	Course	Course Title	Grade (G)	Credit Value	Grade Point	Credit Retained	ba	A on the sis of	Result
No.	Subject	Code	; course mile		(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	CHEMISTRY	CC-1	Organic Chemistry-I	8	6	48	2020			
	CHEWISTKT	CC-2	Physical Chemistry-I	9	6	54	2020			
Ι	PHYSICS	GE-1	Mechanics	9	6	54	2020	8.50	8.73	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
	CHEMISTRY	CC-3	Inorganic Chemistry-I	10	6	60	2021			
		CC-4	Organic Chemistry-II	10	6	60	2021			
Π	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2021	10.00	9.50	Q
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2021			
		CC-5	Physical Chemistry-II	9	6	54	2021			
	CHEMISTRY	CC-6	Inorganic Chemistry-II	8	6	48	2021			
III		CC-7	Organic Chemistry-III	9	6	54	2021	8.67	9.00	Q
	MATHEMATICS	GE-3	Real Analysis	10	6	60	2021			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	9	2	18	2021			
	CHEMISTRY CC-9 CC-10	CC-8 Physical Chemistry-III 9 6 5		54	2022					
		CC-9	Inorganic Chemistry-III	9	6	54	2022			
IV		CC-10	Organic Chemistry - IV	9	6	54	2022	9.00	9.31	Q
	MATHEMATICS	GE-4	Algebra	10	6	60	2022			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	10	2	20	2022			
	CHEMISTRY	CC-11	Inorganic Chemistry-IV	6	6	36	2022			
v	CHEMISTRI	CC-12	Organic Chemistry-V	7	6	42	2022	6.50	6.50	Q
v	CHEMISTRY	DSE-1	Advanced Physical Chemistry	6	6	36	2022	0.50	0.50	
	CHEWISTKT	DSE-2	Analytical Methods in Chemistry	7	6	42	2022			
	CHEMISTRY	CC-13	Inorganic Chemistry-V	6	6	36	2023			
VI	CHEMISTRI	CC-14	Physical Chemistry-IV	7	6	42	2023	7.50	7.50	Q
V I	CHEMISTRY	DSE-3	E-3 Green Chemistry 8 6 48		48	2023	7.50	7.50		
	CHEMISTRY DSE-4		Dissertation Followed by Power Point Presentation 9 6 54			54	2023			
			sis of CCs & DSEs : <b>8.11</b> sis of All Courses : <b>8.41</b>				Letter Grade in CGPA : A+ Result			t : Q

Date of Publication of Result : 25.08.2023

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

Anindya zyohi Pal

Course Type		CGPA Lette	r 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		
SEC – Skill Enhancement Course	7 to below 8	CCs and $DSEs < 5$ or any one or		CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]			
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 Poi	int Norms		
	90% to 100%	10	80% and above but below 90%	9	<b>Percentage Conversion Formula:</b> = (SGPA or CGPA×10) - 5.0
	70% and above but below 80%	8	60% and above but below 70%	7	*Letter Grade in CGPA is awarded on the basis
	50% and above but below 60%	6	40% and above but below 50%	5	of CCs and DSEs
01043294628	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



Name : RIMPA CHANDRA

Roll No. 200331000074

			Honours: PHYSICS							
Semester	Subject	Course	Course Title	Grade (G)	Credit Value	Grade Point	Credit Retained	ba	A on the sis of	Result
No.	Bubjeet	Code	; Course Trac		(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	PHYSICS	CC-1	Mathematical Physics-I	9	6	54	2020			
	rnisics	CC-2	Mechanics	9	6	54	2020			
Ι	MATHEMATICS	GE-1	Differential Calculus	10	6	60	2020	9.00	9.27	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
	PHYSICS	CC-3	Electricity and Magnetism	9	6	54	2021			
	rinsics	CC-4	Waves and Optics	10	6	60	2021			
II	MATHEMATICS	GE-2	Differential Equations	10	6	60	2021	9.50	9.50	Q
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2021			
		CC-5	Mathematical Physics-II	10	6	60	2021			
	PHYSICS	CC-6	Thermal Physics		6	54	2021			
III		CC-7	Digital Systems and Applications	9	6	54	2021	9.33	9.23	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2021			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	9	2	18	2021			
	PHYSICS CC-8 CC-9	Mathematical Physics-III	9	6	54	2022				
		CC-9	Elements of Modern Physics		6	54	2022			
		CC-10	Analog Systems & Applications	og Systems & Applications 8 6		48	2022	0.77	0.05	
IV	CHEMISTRY GE-4		Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2022	8.67	8.85	Q
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	10	2	20	2022			
	PHYSICS	CC-11	Quantum Mechanics and Applications	5	6	30	2022			
	PHISICS	CC-12	Solid State Physics	6	6	36	2022	5.75	5.75	
V	PHYSICS	DSE-1	Advanced Mathematical Physics	8	6	48	2022	5.75	5.75	Q
	rn i sics	DSE-2	Classical Dynamics	4	6	24	2022			
	PHYSICS	CC-13	Electromagnetic Theory	8	6	48	2023			
<b>X</b> /T		CC-14	Statistical Mechanics	9	6	54	2023	8.00	8.00	Q
VI	PHYSICS	DSE-3	Nuclear and Particle Physics		6	36	2023	0.00	0 8.00	
		DSE-4	Astronomy and Astrophysics 9 6 54				2023			
			sis of CCs & DSEs : <b>8.11</b> sis of All Courses : <b>8.41</b>				Letter Grade in CGPA : A+		Result : Q	

Date of Publication of Result : 25.08.2023

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

## Anindya zohi Pal

Course Type		CGPA Lette	r 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		PNC - Programme Not Cleared [CGPA on the basis of
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
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 Po	int Norms		
90% to 100%	10	80% and above but below 90%	9	<b>Percentage Conversion Formula:</b> = (SGPA or CGPA×10) - 5.0
70% and above but below 80%	8	60% and above but below 70%	7	*Letter Grade in CGPA is awarded on the basis of CCs and DSEs
50% and above but below 60%	6	40% and above but below 50%	5	of CCs and DSEs
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



Name : RISHAD RAHAMAN

Roll No. 200331000075

			Honours: MATHEMATI	CS						
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the sis of	Result
No.	Bubjeet	Code	course ride	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	10	6	60	2020			
	MATHEMATICS	CC-2	Algebra	10	6	60	2020			
I	COMPUTER SCIENCE	GE-1	Problem Solving using Computer	9	6	54 2020		10.00	9.36	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2020			
	MATHEMATICS	CC-3	Real Analysis	10	6	60	2021			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	10	6	60	2021			
II	COMPUTER SCIENCE	GE-2	Database Management Systems	9	6	54	2021	10.00	9.60	Q
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	8	6	48	2021			
	MATHEMATICS	CC-6	Group Theory I	10	6	60	2021			
III		CC-7	Numerical Methods	10	6	60	2021	9.33	9.31	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2021			
	MATHEMATICS	SEC-1	ogic and Sets		2	20	2021			
	CC-8		Riemann Integration and Series of Functions	8	6	48	2022			
	MATHEMATICS	CC-9	Multivariate Calculus		6	54	2022			
		CC-10	Ring Theory and Linear Algebra I	9	6	54	2022			Q
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2022	8.67	8.62	
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2022			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2022			
	MATHEMATICS	CC-12	Mechanics I	5	6	30	2022	5.25	5.25	Q
V	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2022	5.25	5.25	V V
		DSE-2	Probability & Statistics	4	6	24	2022			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	6	6	36	2023			
1.77		CC-14	Ring Theory and Linear Algebra II	5	6	30	2023	6.50	6 50	
VI	MATHEMATICS	DSE-3	Project Work		6	54	2023	0.50	6.50	Q
	MATHEMATICS	DSE-4	Mechanics II	6	6	36	2023			
	nulative Grade Point Averag nulative Grade Point Averag	,					Letter Gi CGPA		Resul	t : Q
COFA (CUI	nurative Grade Follit Averag	se) on me ba	sis of All Courses . 0.07				0.0111			

Date of Publication of Result : 25.08.2023  $SGPA(S) = \frac{\sum_{i=1}^{n} (G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum_{i=1}^{N} (V_i \times S_i)}{\sum_{i=1}^{N} V_i}$ 

Anindya Zoti Pal

Course Type		CGPA Lette	r 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	
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.	

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



Name : RIYA DAS

Roll No. 200331000078

			Honours: MICROBIOLO	GY						
Semester	Subject	Course	Course Title	Grade (G)	Credit Value	Grade Point	Credit Retained	ba	A on the sis of	Result
No.	Bubjeet	Code	de course trac		(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MICROBIOLOGY	CC-1	Introduction to Microbiology and Microbial Diversity	9	6	54	2020			
		CC-2	Bacteriology	8	6	48	2020			
Ι	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	8	6	48	2020	8.50	8.45	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
	MICROBIOLOGY	CC-3	Biochemistry	9	6	54	2021			
	MICKOBIOLOGI	CC-4	Virology	10	6	60	2021			
П	BOTANY	GE-2	Plant Ecology and Taxonomy	9	6	54	2021	9.50 9.30		Q
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
		CC-5	Microbial Physiology & Metabolism	8	6	48	2021			
	MICROBIOLOGY	CC-6	Cell Biology	8	6	48	2021			
III		CC-7	Molecular Biology	9	6	54	2021	8.33	8.54	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2021			
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	9	2	18	2021		_	L
	CC-8		Microbial Genetics	9	6	54	2022			
	MICROBIOLOGY	CC-9	Environmental Microbiology	9	6	54	2022			
		CC-10	Food and Dairy Microbiology	8	6	48	2022			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2022	8.67	8.77	Q
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	9	2	18	2022			
	MICROBIOLOGY	CC-11	Industrial Microbiology	8	6	48	2022			
	MICROBIOLOGY	CC-12	Immunology	7	6	42	2022			
V	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	8	6	48	2022	7.50	7.50	Q
		DSE-2	Instrumentation and Biotechniques	7	6	42	2022			
	MICROBIOLOGY	CC-13	Medical Microbiology	7	6	42	2023			
	MICKUBIULUGY	CC-14	Recombinant DNA Technology	7	6	42	2023	7.25	7.05	
VI	MICDODIOLOCY	DSE-3	Advances in Microbiology	7	6	42	2023	7.25	7.25	Q
	MICROBIOLOGY	DSE-4	Bio-Safety and Intellectual Property Rights 8			48	2023			
			sis of CCs & DSEs : <b>8.11</b> sis of All Courses : <b>8.28</b>				Letter Gi CGPA		Resul	t : Q

Date of Publication of Result : 25.08.2023

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35% and above but below 40%

Anindya zoti Pal

**Controller of Examinations** 

Course Ty	pe		CGI	PA Lette	er Grades			Result Codes	
CC – Core Course	C – Core Course		Letter Gr	Letter Grade CGPA Letter Grade		Q – Qualified			
GE - Generic Elective		9 and above	O (Outstan	ding)	5 to below 6	B (Average)	SNC-	- Semester Not Cleared	
DSE – Discipline Specific	Elective	8 to below 9	A+ (Excel	lent)	4 to below 5	P (Pass)	PNC -	- Programme Not Cleared [CGPA on the basis of	
SEC – Skill Enhancement	Course	7 to below 8 A (Very Good) Below 4 F (Fail) CCs and DSEs. not cleared]		nd DSEs.<5 or any one or more semester(s) is/are eared]					
AECC – Ability Enhancement Compulsory Course		6 to below 7	B+ (Good)				NC denotes "NotComputed" due to absence in C and C4 as applicable.		
			Grade Po	int Nor	ms				
	90% to 100%		10	80% ai	nd above but below 90	9%	9	Percentage Conversion Formula: = (SGPA or CGPA×10) - 5.0	
	70% and above but	below 80%	8	60% ai	nd above but below 70	9%	7	*Letter Grade in CGPA is awarded on the basis	
	50% and above but	below 60%	6	40% ai	nd above but below 50	9%	5	of CCs and DSEs	

Below 35%

Not Awarded (NA)

4



Name : ROHIT KONAI

Roll No. 200331000079

			Honours: CHEMISTRY	Y						
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		A on the sis of	Result
No.	Subject	Code	Course Thie	(G)	(V)	$(\mathbf{G} \times \mathbf{V})$	Year	CCs & DSEs	All Courses	Code
	CHEMISTRY	CC-1	Organic Chemistry-I	7	6	42	2020			
	CHEMISTRI	CC-2	Physical Chemistry-I	9	6	54	2020			
I	MATHEMATICS	GE-1	Differential Calculus	9	6	54	2020	8.00	8.45	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
	CHEMISTRY	CC-3	Inorganic Chemistry-I	9	6	54	2021			
	CHEMISTRI	CC-4	Organic Chemistry-II	9	6	54	2021			
П	MATHEMATICS	GE-2	Differential Equations	10	6	60	2021	9.00	9.30	Q
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
		CC-5	Physical Chemistry-II	9	6	54	2021			
	CHEMISTRY	CC-6	Inorganic Chemistry-II	10	6	60	2021			
III	CC-7		Organic Chemistry-III	9	6	54	2021	9.33	9.15	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	9	6	54	2021			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	8	2	16	2021			
		CC-8	Physical Chemistry-III	9	6	54	2022			
	CHEMISTRY	CC-9	Inorganic Chemistry-III	9	6	54	2022			
IV		CC-10	Organic Chemistry - IV	9	6	54	2022	9.00	9.00	Q
	PHYSICS	GE-4	Waves and Optics	9	6	54	2022			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	9	2	18	2022			
	CHEMISTRY	CC-11	Inorganic Chemistry-IV	5	6	30	2022			
	CHEMISTRI	CC-12	Organic Chemistry-V	6	6	36	2022	6.00	6.00	Q
V	CHEMISTRY	DSE-1	Advanced Physical Chemistry	6	6	36	2022	0.00	0.00	
	CHEMISTRY	DSE-2	Analytical Methods in Chemistry	7	6	42	2022			
	CHEMISTRY	CC-13	Inorganic Chemistry-V	7	6	42	2023			
3.71	CHEMISTRI	CC-14	Physical Chemistry-IV	7	6	42	2023	7.75	7 75	0
VI	CHEMISTRY DSE-3 Green Chemistry 8 6 4		48	2023	1.15	7.75	Q			
		DSE-4	Dissertation Followed by Power Point Presentation	9	6	54	2023			
		0,	sis of CCs & DSEs : 8.00				Letter Grade in CGPA : A+		Resul	t : Q
CGPA (Cur	nulative Grade Point Avera	age) on me ba	sis of All Courses : 8.27				COIA	• • • • •		

Date of Publication of Result : 25.08.2023

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

Anindya zyohi Pal

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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
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 Po	int Norms		
90% to 100%	10	80% and above but below 90%	9	<b>Percentage Conversion Formula:</b> = (SGPA or CGPA×10) - 5.0
70% and above but below 80%	8	60% and above but below 70%	7	*Letter Grade in CGPA is awarded on the basis
50% and above but below 60%	6	40% and above but below 50%	5	of CCs and DSEs
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



Name : SABNAM PARVIN

Roll No. 200331000081

Semester										
	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the sis of	Result
No.	Subject	Code	course rate	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	BOTANY	CC-1	Microbiology and Phycology	7	6	42	2020			
	BOIANI	CC-2	Archegoniatae	9	6	54	2020			
I	ZOOLOGY	GE-1	Animal Diversity	8	6	48	2020	8.00	8.18	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
	BOTANY	CC-3	Mycology and Phytopathology	9	6	54	2021			
	DUTANT	CC-4	Morphology and Anatomy of Angiosperms	9	6	54	2021			
п	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2021	9.00	9.00	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2021			
		CC-5	Plant Ecology and Phytogeography	8	6	48	2021			
	BOTANY	CC-6	Plant Systematics	8	6	48	2021			
III		CC-7	Economic Botany	8	6	48	2021	8.00	8.00	Q
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	8	6	48	2021			
-	BOTANY	SEC-1	Agricultural Botany	8	2	16	2021			
		CC-8	Palaeobotany & Palynology	9	6	54	2022			
	BOTANY	CC-9	Biomolecules and Cell Biology	8	6	48	2022			
IV		CC-10	Molecular Biology	9	6	54	2022	8.67	8.77	Q
	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	9	6	54	2022	0.07	0.77	×
	BOTANY	SEC-2	Biofertilizers	9	2	18	2022			
	DOTANY	CC-11	Plant Physiology	8	6	48	2022			
	BOTANY	CC-12	Plant Metabolism	8	6	48	2022	0.05	0.05	0
V	DOTANK	DSE-1	Reproductive Biology of Angiosperms	8	6	48	2022	8.25	8.25	Q
	BOTANY	DSE-2	Natural Resource Management	9	6	54	2022			
	DOTANY	CC-13	Genetics & Plant Breeding	8	6	48	2023			
	BOTANY	CC-14	Plant Biotechnology	9	6	54	2023	0.50	0.50	
VI	DSE-3 Phytoremediation & Immunology 9 6 5		54	2023	8.50	8.50	Q			
	BOTANY	DSE-4	Industrial and Environmental Microbiology	8	6	48	2023			
			sis of CCs & DSEs : <b>8.39</b> sis of All Courses : <b>8.44</b>	•	-		Letter Grade in CGPA : A+ Result : 0			t:Q

Date of Publication of Result : 25.08.2023

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

# Anindya zoti Pal

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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
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 Po	int Norms		
90% to 100%	10	80% and above but below 90%	9	<b>Percentage Conversion Formula:</b> = (SGPA or CGPA×10) - 5.0
70% and above but below 80%	8	60% and above but below 70%	7	*Letter Grade in CGPA is awarded on the basis of CCs and DSEs
50% and above but below 60%	6	40% and above but below 50%	5	of CCs and DSEs
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



#### Name : SAIKAT DHIBAR

Roll No. 200331000082

			Honours: ZOOLOGY							
Semester	Subject	Course	Course Title	Grade (G)	Credit Value	Grade Point	Credit Retained	ba	on the sis of	Result
No.	Subject	Code			(V)	(G×V)		CCs & DSEs	All Courses	Code
	ZOOLOGY	CC-1	Non-chordates I	7	6	42	2020			
	2001001	CC-2	Ecology	8	6	48	2020			
Ι	PHYSIOLOGY	GE-1	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	8	6	48	2020	7.50	7.91	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
	ZOOLOGY	CC-3	Non-chordates II	8	6	48	2021			
	2001001	CC-4	Cell Biology	8	6	48	2021			
II	PHYSIOLOGY	GE-2	Digestion and Metabolism	9	6	54	2021	8.00	8.30	Q
	Communicative English/MIL	AECC-2	Communicative English							
		CC-5	Chordates	10	6	60	2021			
	ZOOLOGY		Animal Physiology: Controlling and Coordinating Systems	9	6	54	2021			
III	CC-7		Fundamentals of Biochemistry	8	6	48	2021	9.00	8.77	Q
	BOTANY	GE-3	Plant Anatomy and Embryology	8	6	48	2021			
	ZOOLOGY	SEC-1	Apiculture	9	2	18	2021			
		CC-8	Comparative Anatomy of Vertebrates	10	6	60	2022			
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	9	6	54	2022			
IV		CC-10	Immunology	9	6	54	2022	9.33	9.15	Q
	BOTANY	GE-4	Plant Physiology and Metabolism	9	6	54	2022			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	8	2	16	2022			
	ZOOLOGY	CC-11	Molecular Biology	7	6	42	2022			
v	2002001	CC-12	Genetics	8	6	48	2022	7.25	7.25	Q
v	ZOOLOGY	DSE-1	Animal Biotechnology	7	6	42	2022	1.25	1.25	
	2002001	DSE-2	Parasitology	7	6	42	2022			
	ZOOLOGY	CC-13	Developmental Biology	8	6	48	2023			
VI	2002001	CC-14				2023	7.50	7.50	Q	
V I	ZOOLOGY	DSE-3	Animal Behaviour	8	6	48	2023	7.50	1.50	
		DSE-4	Endocrinology	7	6	42	2023			
	CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>8.06</b> CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.17</b>						Letter Gi CGPA		Resul	t:Q

Date of Publication of Result : 25.08.2023

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

Anindya zoti Pal

Course Type		CGPA Lette	r 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		PNC - Programme Not Cleared [CGPA on the basis of
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
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 Po	int Norms		
90% to 100%	10	80% and above but below 90%	9	<b>Percentage Conversion Formula:</b> = (SGPA or CGPA×10) - 5.0
70% and above but below 80%	8	60% and above but below 70%	7	*Letter Grade in CGPA is awarded on the basis of CCs and DSEs
50% and above but below 60%	6	40% and above but below 50%	5	of CCs and DSEs
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



Name : SAMIM AKTAR

Roll No. 200331000083

			Honours: MATHEMATI	CS						
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	ba	on the sis of	Result
No.	Bubjeet	Code	course rule	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	6	6	36	2020			
	MATHEMATICS	CC-2	Algebra	10	6	60	2020			
Ι	PHYSICS	GE-1	Mechanics	9	6	54	2020	8.00	8.45	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
	MATHEMATICS	CC-3	Real Analysis	9	6	54	2021			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	9	6	54	2021			
II	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2021	9.00	9.00	Q
	Communicative English/MIL	AECC-2	Communicative English	č						
	CC-5		Theory of Real Functions & Introduction to Metric Spaces	9	6	54	2021			
	MATHEMATICS	CC-6	Group Theory I	10	6	60	2021			
III		CC-7	Numerical Methods	10	6	60	2021	9.67	9.54	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry		6	54	2021			
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2021			
		CC-8	Riemann Integration and Series of Functions	9	6	54	2022			
	MATHEMATICS	CC-9	Multivariate Calculus	10	6	60	2022			
		CC-10	Ring Theory and Linear Algebra I	10	6	60	2022			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2022	9.67	9.54	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2022			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	5	6	30	2022			
	MATHEMATICS	CC-12	Mechanics I	5	6	30	2022	5.25	5.25	
V	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2022	5.25	5.25	Q
	MATHEMATICS	DSE-2	Probability & Statistics	5	6	30	2022			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	7	6	42	2023			
	MATHEMATICS CC-14		Ring Theory and Linear Algebra II		6	24	2023	6.75	675	
VI	VI		Project Work	9	6	54	2023	6.75	6.75	Q
	MATHEMATICS	DSE-4	Mechanics II	7	6	42	2023			
			sis of CCs & DSEs : <b>7.78</b> sis of All Courses : <b>8.10</b>				Letter Grade in CGPA : A		Result : Q	
COFA (CUL	nulative Orace round Avera	age) on me ba	1315 01 All Coulses . 0.10				0.0111		1	

Date of Publication of Result : 25.08.2023  $SGPA(S) = \frac{\sum_{i=1}^{n} (G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum_{i=1}^{N} (V_i \times S_i)}{\sum_{i=1}^{N} V_i}$ 

Anindya Zoti Pal

Course Type		CGPA Lette	r 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		PNC – Programme Not Cleared [CGPA on the basis of
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
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 Po	int Norms			
90% to 100%	10	80% and above but below 90%	9	<b>Percentage Conversion Formula:</b> = (SGPA or CGPA×10) - 5.0	
70% and above but below 80%	8	60% and above but below 70%	7	*Letter Grade in CGPA is awarded on the basis	
50% and above but below 60%	6	40% and above but below 50%	5	of CCs and DSEs	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)		



Name : SANANDO SINGHA

Roll No. 200331000084

			Honours: MATHEMATI	CS						
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	ba	on the sis of	Result
No.	Subject	Code	course rule	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	10	6	60	2020			
	MATHEMATICS	CC-2	Algebra	10	6	60	2020			
Ι	PHYSICS	GE-1	Mechanics	10	6	60	2020	10.00	9.82	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
	MATHEMATICS	CC-3	Real Analysis	10	6	60	2021			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	10	6	60	2021			
П	PHYSICS	GE-2	Electricity and Magnetism	10	6	60	2021	10.00	9.90	Q
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	10	6	60	2021			
	III MATHEMATICS	CC-6	Group Theory I	10	6	60	2021		10.00	0
III		CC-7	Numerical Methods	10	6	60	2021	10.00	10.00	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry		6	60	2021			
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2021			
		CC-8	Riemann Integration and Series of Functions	10	6	60	2022			
	MATHEMATICS	CC-9	Multivariate Calculus	10	6	60	2022			
		CC-10	Ring Theory and Linear Algebra I	10	6	60	2022			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2022	10.00	9.77	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2022			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2022			
	MATHEMATICS	CC-12	Mechanics I	6	6	36	2022	7.00	7.00	Q
V	MATHEMATICS	DSE-1	Linear Programming	8	6	48	2022	7.00	7.00	V V
	MATHEMATICS	DSE-2	Probability & Statistics	8	6	48	2022			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2023			
	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	6	6	36	2023	7 75	7 75	
VI	MATHEMATICS	DSE-3	Project Work	9	6	54	2023	7.75	5 7.75	Q
	MATHEMATICS	DSE-4	Mechanics II	7	6	42	2023			
			ris of CCs & DSEs : 8.83				Letter G CGPA		Result : Q	
COFA (CUI	nurative Grade Point Avera	age) on the ba	sis of All Courses : 9.03				JUIN	• • • • •		

Date of Publication of Result : 25.08.2023

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

Anindya zoti Pal

Course Type		CGPA Lette	er 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		PNC - Programme Not Cleared [CGPA on the basis of
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4		CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
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 Nor	ms		

	Gi	rade Po	int Norms			
	90% to 100%	10	80% and above but below 90%	9	<b>Percentage Conversion Formula:</b> = (SGPA or CGPA×10) - 5.0	
驋	70% and above but below 80%	8	60% and above but below 70%	7	*Letter Grade in CGPA is awarded on the basi	
	50% and above but below 60%	6	40% and above but below 50%	5	of CCs and DSEs	
	35% and above but below 40%	4	Below 35% Not Award	led (NA)		
	50% and above but below 60%	8 6 4	40% and above but below 50%	7 5 led (NA)		the basis



#### Name : SAYAN CHOWDHURY

Roll No. 200331000088

I CH	Subject DOLOGY HEMISTRY IVIRONMENTAL UDIES DOLOGY	Course Code CC-1 CC-2 GE-1 AECC-1	Course Title Non-chordates I Ecology Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	Grade (G) 8 8	Credit Value (V) 6 6	Grade Point (G×V) 48 48	Credit Retained Year		on the sis of All Courses	Result Code			
I CH	DOLOGY HEMISTRY IVIRONMENTAL UDIES	CC-1 CC-2 GE-1	Non-chordates I Ecology Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic	8	( <b>V</b> )	48	<b>Year</b> 2020			Code			
I CH	HEMISTRY IVIRONMENTAL IUDIES	CC-2 GE-1	Ecology Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic	8	-								
I CH	HEMISTRY IVIRONMENTAL IUDIES	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic	-	6	48	2020						
EN	IVIRONMENTAL JUDIES		Bases, Redox Reactions, General Organic				2020						
	TUDIES	AECC-1		9	6	54	2020	8.00	8.45	Q			
	OLOGY	1	Fundamentals of Environmental Studies										
70		CC-3	Non-chordates II	8	6	48	2021						
20	000001	CC-4	Cell Biology	8	6	48	2021						
II CH	IEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2021	8.00	8.30	Q			
	ommunicative glish/MIL	AECC-2	Communicative English	8	2	16	2021						
		CC-5	Chordates	9	6	54	2021						
	OOLOGY	CC-6	Animal Physiology: Controlling and Coordinating Systems		6	54	2021						
III		CC-7	Fundamentals of Biochemistry	8	6	48	2021	8.67	8.54	Q			
BO	DTANY	GE-3	Plant Anatomy and Embryology		6	48	2021						
ZO	OOLOGY	SEC-1	Apiculture	9	2	18	2021						
		CC-8	Comparative Anatomy of Vertebrates	10	6	60	2022						
ZO	OOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	9	6	54	2022						
IV		CC-10	Immunology	9	6	54	2022	9.33	8.92	Q			
BO	DTANY	GE-4	Plant Physiology and Metabolism	8	6	48	2022						
ZO	OOLOGY	SEC-2	Aquarium Fish Keeping	8	2	16	2022						
70	NOLOCY.	CC-11	Molecular Biology	5	6	30	2022						
	OOLOGY	CC-12	Genetics	7	6	42	2022	5 75	5 75				
V	OOLOGY	DSE-1	Animal Biotechnology	5	6	30	2022	5.75	5.75	Q			
20	JOLOGY	DSE-2	Parasitology	6	6	36	2022						
70		CC-13	Developmental Biology	6	6	36	2023						
-	ZOOLOGY		Evolutionary Biology	5	6	30	2023	6.00	6.00				
VI	NOLOGY	DSE-3	Animal Behaviour	7	6	42	2023	6.00	) 6.00	Q			
20	OOLOGY	DSE-4	Endocrinology	6	6	36	36 2023						
	ative Grade Point Averag ative Grade Point Averag				CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>7.39</b>								

Date of Publication of Result : 25.08.2023

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

Anindya zohi Pal

Course Type		CGPA Lette	r 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
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	Grade Point Norms							
19	90% to 100% 10	80% and above but below 90% 9	Percentage Conversion Formula: = (SGPA or CGPA×10) - 5.0						
	70% and above but below 80% 8	60% and above but below 70% 7	*Letter Grade in CGPA is awarded on the basis						
	50% and above but below 60% 6	40% and above but below 50% 5	of CCs and DSEs						
	35% and above but below 40% 4	Below 35% Not Awarded (NA)							



#### Name : SAYANTIKA MUKHOPADHYAY

Roll No. 200331000089

			Honours: CHEMISTRY	Y							
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		A on the sis of	Result	
No.	Subject	Code	Course Thie	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code	
	CHEMISTRY	CC-1	Organic Chemistry-I	9	6	54	2020				
	CHEMISTRI	CC-2	Physical Chemistry-I	9	6	54	2020				
I	MATHEMATICS GE-1		Differential Calculus	10	6	60	2020	9.00	9.27	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020				
	CHEMISTRY	CC-3	Inorganic Chemistry-I	9	6	54	2021				
	CHEMISTRI	CC-4	Organic Chemistry-II	9	6	54	2021				
II	MATHEMATICS	GE-2	Differential Equations	10	6	60	2021	9.00	9.30	Q	
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2021				
		CC-5	Physical Chemistry-II	9	6	54	2021				
	CHEMISTRY		Inorganic Chemistry-II	9	6	54	2021				
III	III			Organic Chemistry-III	8	6	48	2021	8.67	8.77	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics		6	54	2021				
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	9	2	18	2021				
		CC-8	Physical Chemistry-III	9	6	54	2022				
	CHEMISTRY	CC-9	Inorganic Chemistry-III		6	54	2022				
IV		CC-10	Organic Chemistry - IV	9	6	54	2022	9.00	9.08	Q	
	PHYSICS	GE-4	Waves and Optics	9	6	54	2022				
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	10	2	20	2022				
	CHEMISTRY	CC-11	Inorganic Chemistry-IV	6	6	36	2022				
	CHEMISTKI	CC-12	Organic Chemistry-V	5	6	30	2022	6.00	6.00	Q	
V	CHEMISTRY	DSE-1	Advanced Physical Chemistry	6	6	36	2022	0.00	0.00	V V	
	CHEMISTKT	DSE-2	Analytical Methods in Chemistry	7	6	42	2022				
	CHEMISTRY	CC-13	Inorganic Chemistry-V	6	6	36	2023				
N/I	CHEMISTRY		Physical Chemistry-IV	7	6	42	2023	7.50	7.50		
VI	CHEMISTRY	DSE-3	Green Chemistry	7	6	42	2023	7.50	7.50	Q	
		6	60	2023							
			sis of CCs & DSEs : 7.94				Letter Grade in CGPA : A		Result : Q		
COPA (CUI	nulative Grade Point Avera	ige) on me ba	sis of All Courses : 8.30					• • •			

Date of Publication of Result : 25.08.2023

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

Anindya zyohi Pal

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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
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 Poi	int Norms		
90% to 100%	10	80% and above but below 90%	9	<b>Percentage Conversion Formula:</b> = (SGPA or CGPA×10) - 5.0
70% and above but below 80%	8	60% and above but below 70%	7	*Letter Grade in CGPA is awarded on the basis
50% and above but below 60%	6	40% and above but below 50%	5	of CCs and DSEs
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



Name : SHATABDI BISHNU

Roll No. 200331000090

			Honours: BOTANY								
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	ba	on the sis of	Result	
No.	Subject	Code	course rue	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code	
	BOTANY	CC-1	Microbiology and Phycology	6	6	36	2020				
	BOTANT	CC-2	Archegoniatae	9	6	54	2020				
Ι	ZOOLOGY	GE-1	Animal Diversity	8	6	48	2020	7.50	7.73	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2020				
	BOTANY	CC-3	Mycology and Phytopathology	8	6	48	2021				
	BOTANT	CC-4	Morphology and Anatomy of Angiosperms	8	6	48	2021				
II	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2021	8.00	8.30	Q	
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2021				
		CC-5	Plant Ecology and Phytogeography	8	6	48	2021				
	BOTANY	CC-6	Plant Systematics	8	6	48	2021				
III		CC-7	Economic Botany	7	6	42	2021	7.67	7.77	Q	
	PHYSIOLOGY GE-3		Respiratory and Cardiovascular Physiology	8	6	48	2021				
	BOTANY	SEC-1	Agricultural Botany	8	2	16	2021				
		CC-8	Palaeobotany & Palynology	9	6	54	2022				
	BOTANY	CC-9	Biomolecules and Cell Biology	7	6	42	2022				
IV		CC-10	Molecular Biology	8	6	48	2022	8.00	8.00	Q	
11	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	8	6	48	2022	0.00	0.00		
	BOTANY	SEC-2	Biofertilizers	8	2	16	2022				
	BOTANY	CC-11	Plant Physiology	7	6	42	2022				
	BUIANI	CC-12	Plant Metabolism	6	6	36	2022	6.75	6.75	Q	
V	BOTANY	DSE-1	Reproductive Biology of Angiosperms	6	6	36	2022	0.75	0.75	V V	
	DUTANI	DSE-2	Natural Resource Management	8	6	48	2022				
	BOTANY	CC-13	Genetics & Plant Breeding	8	6	48	2023				
X / X	DUTANT	CC-14	Plant Biotechnology	8	6	48	2023	7.75	7.75	Q	
VI	BOTANY	DSE-3	Phytoremediation & Immunology	8	6	48	2023	1.15	1.15		
	DUTANT	DSE-4	Industrial and Environmental Microbiology	7	6	42	2023				
			sis of CCs & DSEs : <b>7.56</b> sis of All Courses : <b>7.70</b>				Letter G CGPA		Resul	Result : Q	

Date of Publication of Result : 25.08.2023

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

Anindya zoti Pal

Course Type		CGPA Lette	r 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

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



Name : SHIBNATH BISWAS

Roll No. 200331000091

			Honours: MATHEMATI	CS						
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the sis of	Result
No.	Bubjeet	Code	course mue	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	10	6	60	2020			
	MATHEMATICS	CC-2	Algebra	10	6	60	2020			
I	I PHYSICS		Mechanics	10	6	60	2020	10.00	9.82	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
	MATHEMATICS	CC-3	Real Analysis	10	6	60	2021			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	10	6	60	2021			
II	PHYSICS	GE-2	Electricity and Magnetism	10	6	60	2021	10.00	9.90	Q
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	10	6	60	2021			
	III CHEMISTRY		Group Theory I	10	6	60	2021			0
III			Numerical Methods	10	6	60	2021	10.00	9.77	Q
			Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2021			
	MATHEMATICS	SEC-1	Logic and Sets 10		2	20	2021			
	0		Riemann Integration and Series of Functions	10	6	60	2022			
	MATHEMATICS	CC-9	Multivariate Calculus		6	60	2022			
		CC-10	Ring Theory and Linear Algebra I	10	6	60	2022			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2022	10.00	9.77	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2022			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2022			
	MATHEMATICS	CC-12	Mechanics I	4	6	24	2022	5.75	5.75	
V	MATHEMATICS	DSE-1	Linear Programming	8	6	48	2022	5.75	5.75	Q
	MATHEMATICS	DSE-2	Probability & Statistics	5	6	30	2022			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	8	6	48	2023			
	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	5	6	30	2023	7.25	7.25	
VI	MATHEMATICS	DSE-3	Project Work	8	6	48	2023	7.25	25 7.25	Q
	MATHEMATICS	DSE-4	Mechanics II	8	6	48	2023			
		0 /	sis of CCs & DSEs : <b>8.44</b>				Letter Gi CGPA		Resul	t:Q
CGPA (Cur	nulative Grade Point Avera	age) on the ba	sis of All Courses : 8.69				COIA	• 23.1		

Date of Publication of Result : 25.08.2023

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

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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

G	Frade Po	int Norms		
90% to 100%	10	80% and above but below 90%	9	<b>Percentage Conversion Formula:</b> = (SGPA or CGPA×10) - 5.0
70% and above but below 80%	8	60% and above but below 70%	7	*Letter Grade in CGPA is awarded on the basis
50% and above but below 60%	6	40% and above but below 50%	5	of CCs and DSEs
35% and above but below 40%	4	Below 35% Not Awarde	ed (NA)	
	90% to 100% 70% and above but below 80% 50% and above but below 60%	90% to 100%         10           70% and above but below 80%         8           50% and above but below 60%         6	70% and above but below 80%860% and above but below 70%50% and above but below 60%640% and above but below 50%	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



Name : SHIRIN SULTANA

Roll No. 200331000092

			Honours: MICROBIOLO	GY						
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	ba	on the sis of	Result
No.	Bubject	Code	course rac	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MICROBIOLOGY	CC-1	Introduction to Microbiology and Microbial Diversity	8	6	48	2020			
		CC-2	Bacteriology	9	6	54	2020			
Ι	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	7	6	42	2020	8.50	8.18	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
	MICROBIOLOGY	CC-3	Biochemistry	9	6	54	2021			
	MICROBIOLOGY	CC-4	Virology	9	6	54	2021			
П	BOTANY	GE-2	Plant Ecology and Taxonomy	9	6	54	2021	9.00	8.90	Q
	Communicative English/MIL AECC-2		Communicative English	8	2	16	2021			
		CC-5	Microbial Physiology & Metabolism	7	6	42	2021			
	MICROBIOLOGY		Cell Biology	7	6	42	2021			
III		CC-7	Molecular Biology	9	6	54	2021	7.67	8.00	Q
	CHEMISTRY		Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2021			
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics		2	16	2021			
			CC-8 Microbial Genetics		6	48	2022			
	MICROBIOLOGY	CC-9	Environmental Microbiology		6	54	2022			
		CC-10 Food and Dairy Microbiology		9	6	54	2022			
IV	CHEMISTRY GE-4		Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2022	8.67	8.77	Q
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	9	2	18	2022			
	MICDODIOLOCY	CC-11	Industrial Microbiology	8	6	48	2022			
	MICROBIOLOGY	CC-12	Immunology	8	6	48	2022			
V	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	9	6	54	2022	8.25	8.25	Q
		DSE-2	Instrumentation and Biotechniques	8	6	48	2022			
	MICDODIOLOCY	CC-13	Medical Microbiology	7	6	42	2023			
	MICROBIOLOGY	CC-14	Recombinant DNA Technology	8	6	48	2023	8.00	8.00	
VI	MICDODIOLOGY	DSE-3	Advances in Microbiology	8	6	48	2023	8.00	8.00	Q
	MICROBIOLOGY	DSE-4	Bio-Safety and Intellectual Property Rights	9	6	54	2023			
		-	ris of CCs & DSEs : 8.28				Letter Gi CGPA		Resul	t:Q
CGPA (Cur	nulative Grade Point Avera	age) on the ba	sis of All Courses : 8.34					• 1.37 1		

Date of Publication of Result : 25.08.2023

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

Anindya zoti Pal

**Controller of Examinations** 

Course Ty	ре		CGF	PA Lette	er Grades			Result Codes		
CC – Core Course		CGPA	Letter Gr	ade	CGPA	Letter Grade	Q – Q	ualified		
GE - Generic Elective		9 and above	O (Outstan	ding)	5 to below 6	B (Average)	SNC -	- Semester Not Cleared		
DSE – Discipline Specific	Elective	8 to below 9	A+ (Excel	lent)	4 to below 5	P (Pass)		- Programme Not Cleared [CGPA on the basis of		
SEC – Skill Enhancement	Course	7 to below 8	A (Very G	ood)	Below 4	F (Fail)	CCs a not cle	nd DSEs.<5 or any one or more semester(s) is/are eared]		
AECC – Ability Enhancem Course	ent Compulsory	6 to below 7	B+ (Goo	od)				NC denotes "NotComputed" due to absence in C1, C nd C4 as applicable.		
			Grade Po	int Nor	ms					
	90% to 100%		10	80% ar	nd above but below 90	0%	9	Percentage Conversion Formula: = (SGPA or CGPA×10) - 5.0		
	70% and above but	below 80%	8	60% ar	nd above but below 70	0%	7	*Letter Grade in CGPA is awarded on the basis		
	50% and above but	below 60%	6	40% ar	nd above but below 50	0%	5	of CCs and DSEs		
	35% and above but	below 40%	4	Below	35%	Not Awarded (	NA)			



#### Name : SHREYASI MONDAL

Roll No. 200331000093

			Honours: ZOOLOGY							
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	ba	on the sis of	Result
No.	Bubject	Code	course mae	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	ZOOLOGY	CC-1	Non-chordates I	8	6	48	2020			
	2002001	CC-2	Ecology	9	6	54	2020			
Ι	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	8	6	48	2020	8.50	8.45	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	4	36	2020				
	ZOOLOGY	CC-3	Non-chordates II	9	6	54	2021			
	2002001	CC-4	Cell Biology	8	6	48	2021			
II	BOTANY	GE-2	Plant Ecology and Taxonomy	9	6	54	2021	8.50	8.60	Q
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2021			
			Chordates	10	6	60	2021			
	ZOOLOGY	CC-6	Animal Physiology: Controlling and Coordinating Systems	9	6	54	2021			
III		CC-7	Fundamentals of Biochemistry	9	6	54	2021	9.33	9.08	Q
	PHYSIOLOGY GE-3		Respiratory and Cardiovascular Physiology	8	6	48	2021	4		
	ZOOLOGY	SEC-1	Apiculture	10	2	20	2021			
		CC-8	Comparative Anatomy of Vertebrates	10	6	60	2022			
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	9	6	54	2022			
IV		CC-10	Immunology	9	6	54	2022	9.33	9.00	Q
	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	8	6	48	2022			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	9	2	18	2022			
	700L0CV	CC-11	Molecular Biology	7	6	42	2022			
3.7	ZOOLOGY CC-1: ZOOLOGY DSE-		Genetics	8	6	48	2022	7.00	7.00	Q
V			Animal Biotechnology	6	6	36	2022	7.00	7.00	V V
	2001001	DSE-2	Parasitology	7	6	42	2022			
	7001002	CC-13	Developmental Biology	7	6	42	2023			
	ZOOLOGY	CC-14	Evolutionary Biology	8	6	48	2023	7.25	7.25	
VI	ZOOLOGY	DSE-3	Animal Behaviour	7	6	42	2023	1.23	7.25	Q
	2001001	DSE-4	Endocrinology	7	6	42	2023			1
		-	sis of CCs & DSEs : <b>8.17</b> sis of All Courses : <b>8.24</b>				Letter G		Resul	t : Q
COLY (CUI	numeric Grade i Onit Aven	uge) on me ba	313 01 7 111 COULSES . U.27					= .		

Date of Publication of Result : 25.08.2023

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

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

Anindya zoti Pal

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		PNC - Programme Not Cleared [CGPA on the basis of
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
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	Grade Point Norms					
	90% to 100%	0 80% and above but below 90% 9	Percentage Conversion Formula: = (SGPA or CGPA×10) - 5.0				
	70% and above but below 80% 8	60% and above but below 70% 7	*Letter Grade in CGPA is awarded on the basis				
	50% and above but below 60% 6	40% and above but below 50%         5	of CCs and DSEs				
	35% and above but below 40% 4	Below 35% Not Awarded (NA)					



#### Name : SHUBHADIP SARKAR

Roll No. 200331000094

			Honours: MATHEMATI	CS						
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the sis of	Result
No.	Bubjeet	Code	course mue	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	9	6	54	2020			
	MATHEMATICS	CC-2	Algebra	10	6	60	2020			
I	I PHYSICS		Mechanics	10	6	60	2020	9.50	9.55	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
	MATHEMATICS	CC-3	Real Analysis	10	6	60	2021			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	10	6	60	2021		9.60	
II	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2021	10.00		Q
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
		CC-5 Theory of Real Functions & Introducti Spaces		9	6	54	2021			
	III CHEMISTRY		Group Theory I	10	6	60	2021			0
III			Numerical Methods	9	6	54	2021	9.33	9.31	Q
			Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2021			
	MATHEMATICS	SEC-1	Logic and Sets	and Sets 10		20	2021			
			Riemann Integration and Series of Functions	8	6	48	2022			
	MATHEMATICS	CC-9	Multivariate Calculus		6	54	2022			
		CC-10	Ring Theory and Linear Algebra I	9	6	54	2022			
IV	CHEMISTRY GE-4		STRY GE-4 Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry		6	48	2022	8.67	8.62	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2022			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2022			
	MATHEMATICS	CC-12	Mechanics I	5	6	30	2022	6.00	6.00	
V	MATHEMATICS	DSE-1	Linear Programming	7	6	42	2022	0.00	0.00	Q
	MATHEMATICS	DSE-2	Probability & Statistics	6	6	36	2022			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	7	6	42	2023			
	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	7	6	42	2023	7.50	7.50	
VI	MATHEMATICS	DSE-3	Project Work	9	6	54	2023	7.50	7.50	Q
	MATHEMATICS	DSE-4	Mechanics II	7	6	42	2023			
			sis of CCs & DSEs : 8.17				Letter Grade in CGPA : A+ Result		t:Q	
CGPA (Cur	nulative Grade Point Avera	age) on the ba	sis of All Courses : 8.39				COLA	• 434 1		

Date of Publication of Result : 25.08.2023

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

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

Anindya zoti Pal

Course Type		CGPA Lette	r 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	tage Conversion Formula: A or CGPA×10) - 5.0
arded on the basis	Grade in CGPA is awarded on the basis
	and DSEs
)	PA or CGPA $\times$ 10) - 5.0 Grade in CGPA is aw



Name : SK ASLAM

Roll No. 200331000095

			Honours: MATHEMATI	CS						
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	ba	sis of	Result
No.	Bubjeet	Code	course mile	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	10	6	60	2020			
	MATHEMATICS	CC-2	Algebra	10	6	60	2020		Courses           9.55           9.90           9.77           9.77           9.54           7.75           7.50	Q
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2020	10.00		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
	MATHEMATICS	CC-3	Real Analysis	10	6	60	2021			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	10	6	60	2021			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	10	6	60	2021	10.00	9.90	Q
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
	MATHEMATICS	CC-5 Theory of Real Functions & Introduction to Metric Spaces		10	6	60	2021			
		CC-6	Group Theory I	10	6	60	2021			
III		CC-7	Numerical Methods         10         6         60         2021         10.00		10.00	9.77	Q			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	9	6	54	2021			
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2021			
		CC-8	Riemann Integration and Series of Functions	9	6	54	2022			
	MATHEMATICS	CC-9	Multivariate Calculus	10	6	60	2022			
IV		CC-10	Ring Theory and Linear Algebra I	10	6	60	2022	9.67	9.54	Q
	PHYSICS	GE-4	Waves and Optics	9	6	54	2022			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2022			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2022			
	MATHEMATICS	CC-12	Mechanics I	7	6	42	2022	7.75	7 75	
V	MATHEMATICS	DSE-1	Linear Programming	8	6	48	2022	1.15	1.15	Q
	MATHEMATICS	DSE-2	Probability & Statistics	7 6 42 2022						
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	7	6	42	2023			
	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	6	6	36	2023	7.50	7.50	
VI	MATHEMATICS	DSE-3	Project Work	8	6	48	2023	7.50	7.50	Q
	MATHEMATICS	DSE-4	Mechanics II	9	6	54	2023			
	A (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.89       Letter Grade in CGPA : A+         A (Cumulative Grade Point Average) on the basis of All Courses : 8.99       CGPA : A+				Resul	t:Q				
							L		I	

Date of Publication of Result : 25.08.2023

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

Anindya zohi Pal

Course Type		CGPA Lette	r 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		PNC - Programme Not Cleared [CGPA on the basis of
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)		-	NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

G	rade Po	int Norms	
90% to 100%	10	80% and above but below 90% 9	<b>Percentage Conversion Formula:</b> = (SGPA or CGPA×10) - 5.0
70% and above but below 80%	8	60% and above but below 70% 7	*Letter Grade in CGPA is awarded on the basis
50% and above but below 60%	6	40% and above but below 50% 55	of CCs and DSEs
35% and above but below 40%	4	Below 35% Not Awarded (NA	



Name : SK SANOWAR

Roll No. 200331000097

			Honours: PHYSICS							
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	ba		Result
No.	Judjeet	Code	e ()		(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	PHYSICS	CC-1	Mathematical Physics-I	8	6	48	2020			
	11115105	CC-2	Mechanics	9	6	54	2020			
I	MATHEMATICS	GE-1	Differential Calculus	10	6	60	2020	8.50	9.00	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
	PHYSICS	CC-3	Electricity and Magnetism	9	6	54	2021			
		CC-4	Waves and Optics	9	6	54	2021			
II	MATHEMATICS	GE-2	Differential Equations	10	6	60	2021	9.00	9.30	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2021			
		CC-5	Mathematical Physics-II	9	6	54	2021			
	PHYSICS	CC-6	Thermal Physics	9	6	54	2021			
III		CC-7	Digital Systems and Applications 9		6	54	2021	9.00	9.00	Q
III	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2021			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	9	2	18	2021			
		CC-8	Mathematical Physics-III	9	6	54	2022			
	PHYSICS	CC-9	Elements of Modern Physics	9	6	54	2022			
		CC-10	Analog Systems & Applications	9	6	54	2022		&         All Courses         (           )         9.00         )           )         9.30         )           )         9.30         )           )         9.00         )           )         9.00         )           )         9.00         )           5         6.25         )           5         7.25         )	
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2022	9.00		Q
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	9	2	18	2022			
	PHYSICS	CC-11	Quantum Mechanics and Applications	7	6	42	2022			
<b>X</b> 7	rnisics	CC-12	Solid State Physics	6	6	36	2022	6.25	6.25	Q
V	PHYSICS	DSE-1	Advanced Mathematical Physics	7	6	42	2022	0.25	0.25	
	rnisics	DSE-2	Classical Dynamics	5	6	30	2022			
	PHYSICS	CC-13	Electromagnetic Theory	7	6	42	2023			
	rnisics	CC-14	Statistical Mechanics	7	6	42	2023	7.25	7.25	
VI	PHYSICS	DSE-3	Nuclear and Particle Physics	6	6	36	2023	1.23	1.23	Q
	1113103	DSE-4	Astronomy and Astrophysics	9	6	54	2023			
	PA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.94					Resul	t : Q			
(00	e onde i onterior									

Date of Publication of Result : 25.08.2023

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

Anindya zoti Pal

Course Type		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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
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 Po	int Norms		
	90% to 100%	10	80% and above but below 90%	9	<b>Percentage Conversion Formula:</b> = (SGPA or CGPA×10) - 5.0
	70% and above but below 80%	8	60% and above but below 70%	7	*Letter Grade in CGPA is awarded on the basis of CCs and DSEs
e se se se se	50% and above but below 60%	6	40% and above but below 50%	5	or ces and DSEs
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



Name : SOHAM DAS

Roll No. 200331000098

			Honours: CHEMISTRY	Y						
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		A on the sis of	Result
No.	Subject	Code	Course Thie	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	CHEMISTRY	CC-1	Organic Chemistry-I	9	6	54	2020			
	CHEMISTRT	CC-2	Physical Chemistry-I	9	6	54	2020			
I	MATHEMATICS	GE-1	Differential Calculus	10	6	60	2020	9.00	9.27	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
	CHEMISTRY	CC-3	Inorganic Chemistry-I	10	6	60	2021			
	CHEMISTKT	10	6	60	2021					
II	II         MATHEMATICS         GE-2         Differential Equations					60	2021	10.00	9.90	Q
	Communicative English/MIL         AECC-2         Communicative English		Communicative English	9	2	18	2021			
		CC-5	Physical Chemistry-II	9	6	54	2021			
	CHEMISTRY	CC-6	Inorganic Chemistry-II	9	6	54	2021			
III		CC-7	Organic Chemistry-III	9	6	54	2021	9.00	9.00	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	9	6	54	2021			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	9	2	18	2021			
		CC-8	Physical Chemistry-III	9	6	54	2022			
	CHEMISTRY	CC-9	Inorganic Chemistry-III	9	6	54	2022			
IV		CC-10	Organic Chemistry - IV	9	6	54	2022	9.00	9.08	Q
	PHYSICS	GE-4	Waves and Optics	9	6	54	2022			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	10	2	20	2022			
	CHEMISTRY	CC-11	Inorganic Chemistry-IV	6	6	36	2022			
	CHEMISTKT	CC-12	Organic Chemistry-V	8	6	48	2022	7.00	7.00	Q
V	CHEMISTRY	DSE-1	Advanced Physical Chemistry	7	6	42	2022	7.00	7.00	V V
	CHEMISTRT	DSE-2	Analytical Methods in Chemistry	7	6	42	2022			
	CHEMISTRY	CC-13	Inorganic Chemistry-V	7	6	42	2023			
x / x	CHEMISTKT	CC-14	Physical Chemistry-IV	6	6	36	2023	7.50	7.50	
VI	CHEMISTRY	DSE-3	3 Green Chemistry		6	48	2023	7.50	1.50	Q
	CHEMISTRY		Dissertation Followed by Power Point Presentation	9	6	54	2023			
		-	sis of CCs & DSEs : <b>8.33</b> sis of All Courses : <b>8.59</b>				Letter G		Resul	t:Q
COPA (Cur	nulative Grade Point Avera	ige) on the ba	sis of All Courses : 0.39					• • • • •		

Date of Publication of Result : 25.08.2023

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

Anindya zyohi Pal

Course Type		CGPA Lette	r Grades	Result Codes		
CC – Core Course	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	
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]	
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 Poi	int Norms		
90% to 100%	10	80% and above but below 90%	9	<b>Percentage Conversion Formula:</b> = (SGPA or CGPA×10) - 5.0
70% and above but below 80%	8	60% and above but below 70%	7	*Letter Grade in CGPA is awarded on the basis
50% and above but below 60%	6	40% and above but below 50%	5	of CCs and DSEs
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



#### Name : SOUMYADEEP ACHARYA

Roll No. 200331000101

			Honours: MICROBIOLO	GY						
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	ba	on the sis of	Result
No.	Bubjeet	Code		(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MICROBIOLOGY	CC-1	Introduction to Microbiology and Microbial Diversity	9	6	54	2020			
		CC-2	Bacteriology	9	6	54	2020			
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	10	6	60	2020	9.00	9.27	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
	MICROPIOLOCY	CC-3	Biochemistry	10	6	60	2021			
	MICROBIOLOGY CC-4 Virology				6	60	2021			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	10	6	60	2021	10.00	9.90	Q
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
		CC-5	Microbial Physiology & Metabolism	9	6	54	2021			
	MICROBIOLOGY	CC-6	Cell Biology	9	6	54	2021			
III		CC-7	Molecular Biology		6	54	2021	9.00	8.92	Q
	BOTANY	GE-3	Plant Anatomy and Embryology	9	6	54	2021			
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	8	2	16	2021			
		CC-8	Microbial Genetics	9	6	54	2022			
	MICROBIOLOGY	CC-9	Environmental Microbiology	9	6	54	2022			
IV		CC-10	Food and Dairy Microbiology	8	6	48	2022	8.67	8.77	Q
	BOTANY	GE-4	Plant Physiology and Metabolism	9	6	54	2022			
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	9	2	18	2022			
	MICROBIOLOGY	CC-11	Industrial Microbiology	9	6	54	2022			
	MICKOBIOLOGI	CC-12	Immunology	9	6	54	2022			
V	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	9	6	54	2022	9.00	9.00	Q
		DSE-2	Instrumentation and Biotechniques	9	6	54	2022			
	MICDODIOLOCY	CC-13	Medical Microbiology	9 6 54 2023						
	MICROBIOLOGY	CC-14	Recombinant DNA Technology	8	6	48	2023	8.75	8.75	
VI	MICROPIOLOCY	DSE-3			6	54	2023	8.73	8.73	Q
	MICROBIOLOGY DSE-4 Bio-Safety and Intellectual Property F		Bio-Safety and Intellectual Property Rights	9	6	54	2023			
			sis of CCs & DSEs : <b>9.00</b> sis of All Courses : <b>9.07</b>				Letter Gi CGPA		Resul	t:Q
COFA (Cur	nurative Grade Point Avera	ige) on the ba	SIS 01 AII COUISES . 7.01							

Date of Publication of Result : 25.08.2023

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

Anindya zoti Pal

**Controller of Examinations** 

Course Ty	ре		CGI	PA Lette	er Grades			Result Codes
CC – Core Course		CGPA	Letter Gr	ade	CGPA	Letter Grade	Q – Q	ualified
GE - Generic Elective		9 and above	O (Outstan	ding)	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)		- Programme Not Cleared [CGPA on the basis of
SEC – Skill Enhancement	7 to below 8	A (Very G	iood)	Below 4	nd DSEs.<5 or any one or more semester(s) is/are eared]			
AECC – Ability Enhancem Course	6 to below 7	B+ (Goo	od)	NC denotes "NotComputed" due to absence i and C4 as applicable.				
			Grade Point Norms					
	90% to 100%		10	80% ar	nd above but below 90	)%	9	Percentage Conversion Formula: = (SGPA or CGPA×10) - 5.0
	70% and above but	0% and above but below 80%			60% and above but below 70%			*Letter Grade in CGPA is awarded on the basis
	50% and above but	below 60%	6	40% ar	nd above but below 50	)%	5	of CCs and DSEs
	35% and above but	below 40%	4	Below	35%	Not Awarded (	NA)	



#### Name : SRIMONTA MONDAL

Roll No. 200331000104

			Honours: BOTANY							
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	ba	on the sis of	Result
No.	~~~;•••	Code		(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	BOTANY	CC-1	Microbiology and Phycology	8	6	48	2020			
	BOIRNI	CC-2	Archegoniatae	8	6	48	2020			
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2020	8.00	8.45	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020		is of All Courses 8.45 8.90 8.54 8.77 8.50 9.00	
	BOTANY	CC-3	Mycology and Phytopathology	9	6	54	2021			
	DUIANI	CC-4	Morphology and Anatomy of Angiosperms	9	6	54	2021			
Π	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2021	9.00	8.90	Q
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2021			
	BOTANY	CC-5	Plant Ecology and Phytogeography	9	6	54	2021			
		CC-6	Plant Systematics	8	6	48	2021			
III		CC-7	Economic Botany	8	6	48	2021	8.33	8.54	Q
	ZOOLOGY	GE-3	Physiology and Biochemistry	9	6	54	2021			
	BOTANY	SEC-1	Agricultural Botany	9	2	18	2021			
		CC-8	Palaeobotany & Palynology	9	6	54	2022			
	BOTANY	CC-9	Biomolecules and Cell Biology	9	6	54	2022			
IV		CC-10	Molecular Biology	9	6	54	2022	9.00	8.77	Q
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2022			
	BOTANY	SEC-2	Biofertilizers	9	2	18	2022			
	BOTANY	CC-11	Plant Physiology	9	6	54	2022			
v	DOTANT	CC-12	Plant Metabolism	8	6	48	2022	8.50	8 50	Q
v	BOTANY	DSE-1	Reproductive Biology of Angiosperms	8	6	48	2022	0.50	0.50	V V
	DOTAN	DSE-2	Natural Resource Management	9	6	54	2022			
	BOTANY	CC-13	Genetics & Plant Breeding	9	6	54	2023			
3.71	DOTANT	CC-14	Plant Biotechnology	9	6	54	2023	9.00	0.00	Q
VI	BOTANY	DSE-3			6	54	2023	9.00	9.00	
	BOTANY DSE-4 Industrial and Environmental Microbiology 9 6 54		2023							
		0,	sis of CCs & DSEs : <b>8.67</b>				Letter Gi CGPA		Resul	t:Q
CGPA (Cur	nulative Grade Point Avera	ige) on the ba	sis of All Courses : 8.69				COLA	• 1311		

Date of Publication of Result : 25.08.2023

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

Anindya zoti Pal

**Controller of Examinations** 

Course Type		CGPA Lette	er 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			PNC - Programme Not Cleared [CGPA on the basis of	
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

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



Name : SUBHANKAR PAL

#### Roll No. 200331000105

			Honours: MATHEMATI	CS						
Semester	Subject			Grade (G)	Credit Value	Grade Point	Credit Retained	bas	on the sis of	Result
No.	Bubject	Code	ode		(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	10	6	60	2020			
	MATTEMATICS	CC-2	Algebra	10	6	60	2020			
Ι	COMPUTER SCIENCE	GE-1	Problem Solving using Computer	9	6	54	2020	10.00	9.36	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2020			
	MATHEMATICS	CC-3	Real Analysis	10	6	60	2021			
	Martillamatics	CC-4	Differential Equations and Vector Calculus	10	6	60	2021			Q
II	COMPUTER SCIENCE	GE-2	Database Management Systems	10	6	60	2021	10.00	9.90	
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	10	6	60	2021			
		CC-6	Group Theory I	10	6	60	2021			
III		CC-7	Numerical Methods	10	6	60	2021	10.00	9.77	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	9	6	54	2021			l i
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2021			
	-	CC-8	Riemann Integration and Series of Functions	10	6 6	60	2022			
		CC-9	Multivariate Calculus	10	6	60	2022			Q
IV		CC-10	Ring Theory and Linear Algebra I	9	6	54	2022	9.67	9.54	
	PHYSICS	GE-4	Waves and Optics	9	6	54	2022			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2022			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2022			
v	MATHEMATICS	CC-12	Mechanics I	5	6	30	2022	5.50	5.50	Q
v	MATHEMATICS	DSE-1	Linear Programming	5	6	30	2022	5.50	5.50	×
	Martillamatics	DSE-2	Probability & Statistics	6	6	36	2022			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	6	6	36	2023			
VI	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	6	6	36	2023	6.50	6 50	Q
VI	MATHEMATICS	DSE-3	Project Work		6	48	2023	0.50	0 6.50	
		DSE-4	Mechanics II 6 6 36		36	2023				
	nulative Grade Point Averag nulative Grade Point Averag						Letter Gi CGPA		Result : Q	
	nunative Grade I Onit Averag	,c) on the Da	313 01 7111 COULSES . U.TI							

Date of Publication of Result : 25.08.2023

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

Anindya zoti Pal

Course Type		CGPA Lette	r 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		
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]		
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.		

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



Name : SUCHETA DE

Roll No. 200331000106

			Honours: PHYSIOL	OGY						
Semester	Subject	Course	Course Title	Grade (G)	Credit Value	Grade Point	Credit Retained	ba	A on the sis of	Result
No.	Bubjeet	Code	e course rate		(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	9	6	54	2020			
		CC-2	Biological Physics and Enzymes	9	6	54	2020			
Ι	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	8	6	48	2020	9.00	8.73	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	9	6	54	2021			
	riffsiologi	CC-4	Chemistry of Biomolecules	10	6	60	2021			
II	BOTANY	GE-2	Plant Ecology and Taxonomy	9	6	54	2021	9.50	9.30	Q
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
	PHYSIOLOGY	CC-5	Circulating Body Fluids	9	6	54	2021			
		CC-6	Circulation	9	6	54	2021			
III		CC-7	Functions of The Nervous System	9	6	54	2021	9.00	8.77	Q
	ZOOLOGY	GE-3	Physiology and Biochemistry	8	6	48	2021			
	PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	9	2	18	2021			
	PHYSIOLOGY CC-9	CC-8	Energy Balance, Metabolism and Nutrition	10	6	60	2022		9.00	
		CC-9	Gastrointestinal Function	9	6	54	2022			
IV		CC-10	Respiration	9	6	54	2022	9.33		Q
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2022			
	PHYSIOLOGY	SEC-2	Hematological Techniques	9	2	18	2022			
	PHYSIOLOGY	CC-11	Special Senses	9	6	54	2022			
<b>X</b> 7	rn i siolog i	CC-12	Endocrinology	8	6	48	2022	8.75	8.75	Q
v	PHYSIOLOGY	DSE-1	Biological Statistics	9	6	54	2022	0.75	0.75	V V
	riffsiologi	DSE-2	Sports and Exercise Physiology	9	6	54	2022			
	PHYSIOLOGY	CC-13	Reproduction	9	6	54	2023			
3.71		CC-14	Formation and Excretion of Urine	8	6	48	2023	8.75	8.75	Q
VI	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	9	6	54	2023	0.75	0.75	
		DSE-4	Toxicology	9	6	54	2023			
			sis of CCs & DSEs : <b>9.00</b> sis of All Courses : <b>8.87</b>				Letter Gi CGPA		Resul	t:Q
COFA (CUI	nulative Grade Folit Avera	ige) on the ba	1515 01 All COUISES . 0.07				00111			

Date of Publication of Result : 25.08.2023

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

Anindya Zohi Pal

Course Type		CGPA Lette	r 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
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 Po	int Norms		
90% to 100%	10	80% and above but below 90%	9	<b>Percentage Conversion Formula:</b> = (SGPA or CGPA×10) - 5.0
70% and above but below 80%	8	60% and above but below 70%	7	*Letter Grade in CGPA is awarded on the basis
50% and above but below 60%	6	40% and above but below 50%	5	of CCs and DSEs
35% and above but below 40%	4	Below 35% Not Awarded (NA	A)	



Name : SUCHITRA GHOSAL

#### Roll No. 200331000107

			Honours: PHYSIOLOG	Y						
Semester	Subject	Course	Course Title	Grade (G)	Credit Value	Grade Point	Credit Retained		on the sis of	Result
No.					(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	9	6	54	2020			
	FILISIOLOGI	CC-2	Biological Physics and Enzymes	9	6	54	2020			
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2020	9.00	9.00	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	10	6	60	2021			
	FITSIOLOGT	CC-4	Chemistry of Biomolecules	10	6	60	2021			
Π	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2021	10.00	9.60	Q
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
		CC-5	Circulating Body Fluids	10	6	60	2021			
	PHYSIOLOGY	CC-6	Circulation	10	6	60	2021			
III		CC-7	Functions of The Nervous System	9	6	54	2021	9.67	9.54	Q
	ZOOLOGY	GE-3	Physiology and Biochemistry 9		6	54	2021			
	PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	10	2	20	2021			
		CC-8	Energy Balance, Metabolism and Nutrition	10	6	60	2022			
	PHYSIOLOGY	CC-9	Gastrointestinal Function	9	6	54	2022			Q
IV		CC-10	Respiration	9	6	54	2022	9.33	9.08	
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2022			
	PHYSIOLOGY	SEC-2	Hematological Techniques	10	2	20	2022			
	PHYSIOLOGY	CC-11	Special Senses	8	6	48	2022			
v		CC-12	Endocrinology	8	6	48	2022	8.50	8.50	Q
v	PHYSIOLOGY	DSE-1	Biological Statistics	9	6	54	2022	0.50	0.50	
	TITSIOLOGT	DSE-2	Sports and Exercise Physiology	9	6	54	2022			
	PHYSIOLOGY	CC-13	Reproduction	8	6	48	2023			
VI		CC-14	Formation and Excretion of Urine	8	6	48	2023	8.50	8.50	Q
V1	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	9	6	54	2023	0.50	0.50	
	PHYSIOLOGY DSE-4		Toxicology 9 6 54				2023			
		0,	sis of CCs & DSEs : 9.06 sis of All Courses : 9.03				Letter G CGPA		Resul	t:Q

Date of Publication of Result : 25.08.2023

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

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

Anindya zyohi Pal

**Controller of Examinations** 

Course Type		CGPA Lette	r 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)			PNC – Programme Not Cleared [CGPA on the basis of		
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]		
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 P	oint Norms		
	90% to 100% 10	80% and above but below 90% 9	<b>Percentage Conversion Formula:</b> = (SGPA or CGPA×10) - 5.0	
	70% and above but below 80% 8	60% and above but below 70% 7	*Letter Grade in CGPA is awarded on the basis	
	50% and above but below 60% 6	40% and above but below 50% 5	of CCs and DSEs	
	35% and above but below 40% 4	Below 35% Not Awarded (NA)		
	1		1	



#### Name : SUNANDA CHATTERJEE

Roll No. 200331000108

			Honours: MICROBIOLO	GY						
Semester	Subject	Course	Course Title	Grade (G)	Credit Value	Grade Point	Credit Retained	ba	on the sis of	Result
No.	Bubjeet	Code			(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MICROBIOLOGY	CC-1	Introduction to Microbiology and Microbial Diversity	9	6	54	2020			
		CC-2	Bacteriology	9	6	54	2020			
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	10	6	60	2020	9.00	9.27	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
	MICROBIOLOGY	CC-3	Biochemistry	10	6	60	2021			
	MICKOBIOLOGI	CC-4	Virology	10	6	60	2021			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	10	6	60	2021	10.00	9.90	Q
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
		CC-5	Microbial Physiology & Metabolism	10	6	60	2021			
	MICROBIOLOGY	CC-6	Cell Biology	8	6	48	2021			
III		CC-7	Molecular Biology	10	6	60	2021	9.33	9.23	Q
	BOTANY	GE-3	Plant Anatomy and Embryology	9	6	54	2021			
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	9	2	18	2021			
	CC		Microbial Genetics	9	6	54	2022			
	MICROBIOLOGY	CC-9	Environmental Microbiology	10	6	60	2022			
IV		CC-10	Food and Dairy Microbiology	9	6	54	2022	9.33	9.31	Q
	BOTANY	GE-4	Plant Physiology and Metabolism	9	6	54	2022			
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	10	2	20	2022			
	MICROBIOLOGY	CC-11	Industrial Microbiology	9	6	54	2022			
	MICKOBIOLOGI	CC-12	Immunology	9	6	54	2022			
V	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	9	6	54	2022	9.00	9.00	Q
		DSE-2	Instrumentation and Biotechniques	9	6	54	2022			
	MICDODIOLOCY	CC-13	Medical Microbiology	9	6	54	2023			
	MICROBIOLOGY	CC-14	Recombinant DNA Technology	9	6	54	2023	9.00	0.00	
VI	MICDODIOLOCY	DSE-3	Advances in Microbiology	9	6	54	2023	9.00	9.00	Q
	MICROBIOLOGY	DSE-4								
			sis of CCs & DSEs : 9.22 sis of All Courses : 9.27				Letter G CGPA		Resul	t : Q
COFA (CUI	nulative Grade Foliit Avera	ige) on the ba	515 UI AII COUISES . J.41							

Date of Publication of Result : 25.08.2023

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

Anindya zoti Pal

**Controller of Examinations** 

Course Ty	ре		CGI	PA Lette	r Grades			Result Codes
CC – Core Course		CGPA	Letter Gr	ade	CGPA	Letter Grade	Q – Q	ualified
GE - Generic Elective		9 and above	O (Outstan	ding)	5 to below 6	B (Average)	SNC -	- Semester Not Cleared
DSE – Discipline Specific	ne Specific Elective 8 to below 9		A+ (Excellent)		4 to below 5	P (Pass)		- Programme Not Cleared [CGPA on the basis of
SEC – Skill Enhancement	Course	7 to below 8	A (Very G	ood)	Below 4	F (Fail)	CCs a not cle	nd DSEs.<5 or any one or more semester(s) is/are eared]
AECC – Ability Enhancem Course	ent Compulsory	6 to below 7	B+ (Goo	od)				enotes "NotComputed" due to absence in C1, C2 4 as applicable.
			Grade Po	int Nor	ms			
	90% to 100%		10	80% ar	nd above but below 90	9%	9	Percentage Conversion Formula: = (SGPA or CGPA×10) - 5.0
	70% and above but	below 80%	8	60% ar	nd above but below 70	1%	7	*Letter Grade in CGPA is awarded on the basis
	50% and above but	below 60%	6	40% ar	nd above but below 50	9%	5	of CCs and DSEs
	35% and above but	below 40%	4	Below	35%	Not Awarded (	NA)	



Name : SUPRIYO BAHARA

Roll No. 200331000110

			Honours: MATHEMATI	CS						
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the sis of	Result
No.	Bubjeet	Code	course rine	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	10	6	60	2020			
	MATHEMATICS	CC-2	Algebra	10	6	60	2020			
I	PHYSICS	GE-1	Mechanics	10	6	60	2020	10.00	9.82	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
	MATHEMATICS	CC-3	Real Analysis	10	6	60	2021			
	MATTEMATICS	CC-4	Differential Equations and Vector Calculus	10	6	60	2021			
II	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2021	10.00	9.60	Q
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	10	6	60	2021			
	MATHEMATICS	CC-6	Group Theory I	10	6	60	2021			
III	III CC-7		Numerical Methods	10	6	60	2021	10.00	9.77	Q
	CHEMISTRY GE-3		Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2021			
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2021			
		CC-8	Riemann Integration and Series of Functions	10	6	60	2022			
	MATHEMATICS	CC-9	Multivariate Calculus	10	6	60	2022			
		CC-10	Ring Theory and Linear Algebra I	10	6	60	2022			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2022	10.00	9.77	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2022			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	5	6	30	2022			
	MATHEMATICS	CC-12	Mechanics I	4	6	24	2022	4.75	4.75	Q
V	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2022	4.75	4.75	Ų Ų
	MATHEMATICS	DSE-2	Probability & Statistics	4	6	24	2022			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	6	6	36	2023			
	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	5	6	30	2023	6.50	6.50	
VI	MATHEMATICS	DSE-3	Project Work	9	6	54	2023	6.50	6.50	Q
	MATHEMATICS	DSE-4	Mechanics II	6	6	36	2023			
		0,	sis of CCs & DSEs : <b>8.06</b> sis of All Courses : <b>8.35</b>				Letter Gi CGPA		Resul	t:Q
COPA (Cur	nulative Grade Point Aver	age) on me ba	sis of All Courses : 0.33				COLA	• • • • •		

Date of Publication of Result : 25.08.2023

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

Anindya Zoti Pal

Course Type		CGPA Lette	r 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		PNC - Programme Not Cleared [CGPA on the basis of	
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]	
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 Nor	ms			

	Grade	e Poi	nt Norms			
	90% to 100%	0	80% and above but below 90%	9	Percentage Conversion Formula: = (SGPA or CGPA×10) - 5.0	
	70% and above but below 80%8	;	60% and above but below 70%		*Letter Grade in CGPA is awarded on the basis of CCs and DSEs	
	50% and above but below 60% 6	5	40% and above but below 50%	5	of CCs and DSEs	
	35% and above but below 40% 4	ł	Below 35% Not	t Awarded (NA)		



Name : SURANJANA SINHA

Roll No. 200331000111

			Honours: ZOOLOGY							
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the sis of	Result
No.	Bubjeet	Code	course rule	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	ZOOLOGY	CC-1	Non-chordates I	8	6	48	2020			
	2002001	CC-2	Ecology	9	6	54	2020			
I	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	8	6	48	2020	8.50	8.45	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
	ZOOLOGY	CC-3	Non-chordates II	10	6	60	2021			
	2002001	CC-4	Cell Biology	9	6	54	2021			
II	BOTANY	GE-2	Plant Ecology and Taxonomy	9	6	54	2021	9.50	9.30	Q
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
		CC-5	Chordates	10	6	60	2021			
	ZOOLOGY CC		Animal Physiology: Controlling and Coordinating Systems	10	6	60	2021	0.67	0.54	
III			Fundamentals of Biochemistry	9	6	54	2021	9.67	9.54	Q
	PHYSIOLOGY GE-3		Respiratory and Cardiovascular Physiology		6	54	2021			
	ZOOLOGY	SEC-1	Apiculture		2	20	2021			
		CC-8	Comparative Anatomy of Vertebrates	10	6	60	2022			
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	9	6	54	2022			
IV		CC-10	Immunology	9	6	54	2022	9.33	9.23	Q
1,	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	9	6	54	2022			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	9	2	18	2022			
	ZOOLOGY	CC-11	Molecular Biology	6	6	36	2022			
	2001001	CC-12	Genetics	8	6	48	2022	6.50	6.50	Q
V	ZOOLOGY	DSE-1	Animal Biotechnology	6	6	36	2022	0.50	0.50	V V
	2001001	DSE-2	Parasitology	6	6	36	2022			
	ZOOLOGY	CC-13	Developmental Biology	9	6	54	2023			
VI	2001001	CC-14	Evolutionary Biology	7	6	42	2023	8.00	8.00	0
VI	ZOOLOGY	DSE-3	Animal Behaviour	8	6	48	2023	0.00	0.00	Q
	2001001	DSE-4	Endocrinology	8	6	48	2023			
	nulative Grade Point Avera nulative Grade Point Avera		sis of CCs & DSEs : <b>8.39</b> sis of All Courses : <b>8.51</b>				Letter Gi CGPA		Resul	t:Q

Date of Publication of Result : 25.08.2023  $SGPA(S) = \frac{\sum_{i=1}^{n} (G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum_{i=1}^{N} (V_i \times S_i)}{\sum_{i=1}^{N} V_i}$ 

Anindya Zoti Pal

Course Type		CGPA Lette	r 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
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 Po	int Norms		
90% to 100%	10	80% and above but below 90%	9	<b>Percentage Conversion Formula:</b> = (SGPA or CGPA×10) - 5.0
70% and above but below 80%	8	60% and above but below 70%	7	*Letter Grade in CGPA is awarded on the basis
50% and above but below 60%	6	40% and above but below 50%	5	of CCs and DSEs
35% and above but below 40%	4	Below 35% Not Awarde	d (NA)	



Name : SWAPNIL ROY

Roll No. 200331000112

			Honours: PHYSICS							
Semester	Subject	Course	Course Title	Grade (G)	Credit Value	Grade Point	Credit Retained	ba	on the sis of	Result
No.	Subject	Code	e		(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	PHYSICS	CC-1	Mathematical Physics-I	9	6	54	2020			
	rni sics	CC-2	Mechanics	9	6	54	2020			
Ι	MATHEMATICS	GE-1	Differential Calculus	10	6	60	2020	9.00	9.27	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
	PHYSICS	CC-3	Electricity and Magnetism	10	6	60	2021			
	11115105	CC-4	Waves and Optics	9	6	54	2021			
II	MATHEMATICS	GE-2	Differential Equations	10	6	60	2021	9.50	9.60	Q
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
		CC-5	Mathematical Physics-II	9	6	54	2021			
	PHYSICS	CC-6	Thermal Physics	8	6	48	2021			
III		CC-7	Digital Systems and Applications	9	6	54	2021	8.67	8.77	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2021			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	9	2	18	2021			
		CC-8	Mathematical Physics-III	10	6	60	2022			
	PHYSICS	CC-9	Elements of Modern Physics	9	6	54	2022			
		CC-10	Analog Systems & Applications	9	6	54	2022			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2022	9.33	9.31	Q
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	10	2	20	2022			
	PHYSICS	CC-11	Quantum Mechanics and Applications	8	6	48	2022			
	PHISICS	CC-12	Solid State Physics	9	6	54	2022	9.00	9.00	
V	PHYSICS	DSE-1	Advanced Mathematical Physics	10	6	60	2022	9.00	9.00	Q
	PHISICS	DSE-2	Classical Dynamics	9	6	54	2022			
	PHYSICS	CC-13	Electromagnetic Theory	9	6	54	2023			
	rnisius	CC-14	Statistical Mechanics	9	6	54	2023	9.25	9.25	
VI	PHYSICS	DSE-3	Nuclear and Particle Physics	9	6	54	2023	9.25	9.25	Q
	rnisius	DSE-4	Astronomy and Astrophysics	10	6	60	2023			
			sis of CCs & DSEs : 9.11 sis of All Courses : 9.18				Letter Gi CGPA		Resul	t:Q

Date of Publication of Result : 25.08.2023

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Anindya zoti Pal

Course Type		CGPA Lette	r 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
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 Po	int Norms		
90% to 100%	10	80% and above but below 90%	9	<b>Percentage Conversion Formula:</b> = (SGPA or CGPA×10) - 5.0
70% and above but below 80%	8	60% and above but below 70%	7	*Letter Grade in CGPA is awarded on the basis of CCs and DSEs
50% and above but below 60%	6	40% and above but below 50%	5	of CCs and DSEs
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



Name : TANIA PAL

Roll No. 200331000114

			Honours: PHYSIOLOG	Y						
Semester	Subject	Course	Course Title	Grade (G)	Credit Value	Grade Point	Credit Retained	bas	on the sis of	Result
No.	Bubjeet	Code			(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	10	6	60	2020			
		CC-2	Biological Physics and Enzymes	9	6	54	2020			
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2020	9.50	9.27	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	10	6	60	2021			
	FITSIOLOGT	CC-4	Chemistry of Biomolecules	10	6	60	2021			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	10	6	60	2021	10.00	9.90	Q
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
		CC-5	Circulating Body Fluids	10	6	60	2021			
	PHYSIOLOGY CC-6		Circulation	10	6	60	2021			
III		CC-7	Functions of The Nervous System	10	6	60	2021	10.00	9.54	Q
	BOTANY	GE-3	Plant Anatomy and Embryology	8	6	48	2021			
	PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	10	2	20	2021			
		CC-8	Energy Balance, Metabolism and Nutrition	10	6	60	2022			
	PHYSIOLOGY	CC-9	Gastrointestinal Function	9	6	54	2022			
IV		CC-10	Respiration	10	6	60	2022	9.67	9.54	Q
	BOTANY	GE-4	Plant Physiology and Metabolism	9	6	54	2022			
	PHYSIOLOGY	SEC-2	Hematological Techniques	10	2	20	2022			
	PHYSIOLOGY	CC-11	Special Senses	8	6	48	2022			
v		CC-12	Endocrinology	8	6	48	2022	8.50	8.50	Q
v	PHYSIOLOGY	DSE-1	Biological Statistics	9	6	54	2022	0.50	0.50	
	TITSIOLOGT	DSE-2	Sports and Exercise Physiology	9	6	54	2022			
	PHYSIOLOGY	CC-13	Reproduction	8	6	48	2023			
VI		CC-14	Formation and Excretion of Urine	8	6	48	2023	8.50	8.50	Q
VI	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	9	6	54	2023	0.50	0.50	
		DSE-4	Toxicology	9	6	54	2023			
		-	sis of CCs & DSEs : 9.22				Letter Gi CGPA		Resul	t:Q
CGPA (Cur	nulative Grade Point Avera	age) on the ba	sis of All Courses : 9.20				COLA	•••		

Date of Publication of Result : 25.08.2023

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Anindya Zoti Pal

**Controller of Examinations** 

Course Type		CGPA Lette	r 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
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 P		
	90% to 100% 10	80% and above but below 90% 9	<b>Percentage Conversion Formula:</b> = (SGPA or CGPA×10) - 5.0
	70% and above but below 80% 8	60% and above but below 70% 7	*Letter Grade in CGPA is awarded on the basis
	50% and above but below 60% 6	40% and above but below 50% 5	of CCs and DSEs
	35% and above but below 40% 4	Below 35% Not Awarded (NA)	



Name : TARAK NATH LET

Roll No. 200331000115

			Honours: PHYSIC	CS						
Semester	Subject	Course	Course Title	Grade (G)	Credit Value	Grade Point	Credit Retained	SGPA on the basis of		Result Code
No.	Subject	Code	Course Thie		(V)	$(\mathbf{G} \times \mathbf{V})$	Year	CCs & DSEs	All Courses	
	PHYSICS	CC-1	Mathematical Physics-I	9	6	54	2020			
		CC-2	Mechanics	9	6	54	2020			
Ι	COMPUTER SCIENCE	GE-1	Problem Solving using Computer	9	6	54	2020		9.00	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	9 4	36	2020			
	PHYSICS	CC-3	Electricity and Magnetism	9	6	54	2021		9.00	Q
		CC-4	Waves and Optics	9	6	54	2021	1		
II	COMPUTER SCIENCE	GE-2	Database Management Systems	9	6	54	2021	9.00		
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
		CC-5	Mathematical Physics-II	10	6	60	2021			
	PHYSICS	CC-6	Thermal Physics	9	6	54	2021			
III		CC-7	Digital Systems and Applications96542021Real Analysis106602021		9.33	9.46	Q			
	MATHEMATICS	GE-3			6	60	2021			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	9	2	18	2021	1		
	PHYSICS	CC-8	Mathematical Physics-III	9	6	54	2022	9.00	9.23	Q
		CC-9	Elements of Modern Physics	9	6	54	2022			
IV		CC-10	Analog Systems & Applications	9	6	54	2022			
	MATHEMATICS GE-4		Algebra	10	6	60	2022			
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	9	2	18	2022			
	PHYSICS	CC-11	Quantum Mechanics and Applications	4	6	24	2022			Q
v		CC-12	Solid State Physics	5	6	30	2022	5.00	5.00	
v	PHYSICS	DSE-1	Advanced Mathematical Physics	7	6	42	2022	5.00	5.00	
		DSE-2	Classical Dynamics	4	6	24	2022			
	PHYSICS	CC-13	Electromagnetic Theory	4	6	24	2023	4.75	4.75	Q
VI		CC-14	Statistical Mechanics	5	6	30	2023			
V1	PHYSICS	DSE-3	Nuclear and Particle Physics	5	6	30	2023	4.15		
			Astronomy and Astrophysics	5	6	30	2023	23		
	CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>7.22</b> CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>7.73</b>						Letter G CGPA			

Date of Publication of Result : 25.08.2023

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

Anindya zyohi Pal

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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

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