

Name: AAYUSHEE CHATTERJEE

Roll No. 190331000001

			Honours: MICROBIOLO	GY								
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	SGPA on the basis of		Result		
No.	Subject	Code	Course Title	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code		
	MICROBIOLOGY	CC-1	Introduction to Microbiology and Microbial Diversity	7	6	42	2019					
		CC-2	Bacteriology	7	6	42	2019					
I	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	7	6	42	2019	7.00	6.82	Q		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2019					
	MICROBIOLOGY	CC-3	Biochemistry	9	6	54	2020					
	MICKOBIOLOGI	CC-4	Virology	9	6	54	2020					
II	BOTANY	GE-2	Plant Ecology and Taxonomy	9	6	54	2020	9.00	8.80	Q		
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2020					
		CC-5	Microbial Physiology & Metabolism	9	6	54	2020					
		CC-6	Cell Biology	9	6	54	2020					
III		CC-7	Molecular Biology	9	6	54	2020	9.00	9.00	Q		
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2020					
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics 9 2 18 2020									
		CC-8	Microbial Genetics	10	6	60	2021					
	MICROBIOLOGY	CC-9	Environmental Microbiology	10	6	60	2021					
		CC-10	Food and Dairy Microbiology	10	6	60	2021					
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	10	6	60	2021	10.00	10.00	Q		
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	10	2	20	2021					
	MICDODIOLOGY	CC-11	Industrial Microbiology	9	6	54	2021					
	MICROBIOLOGY	CC-12	Immunology	9	6	54	2021					
V	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	9	6	54	2021	8.75	8.75	Q		
	DSE-2		Instrumentation and Biotechniques	8	6	48	2021					
	MICDODIOLOGY	CC-13	Medical Microbiology	9	6	54	2022					
***	VI DSE-3		Recombinant DNA Technology	9	6	54	2022					
VI			Advances in Microbiology	9	6	54	2022	9.00	9.00	Q		
			E-4 Bio-Safety and Intellectual Property Rights 9 6		54	2022			<u> </u>			
	CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs: 8.89 CGPA (Cumulative Grade Point Average) on the basis of All Courses: 8.77					Letter Grade in CGPA : A+		Result : Q				

Date of Publication of Result: 29.07.2022

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



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



Name: ABHISHEK GHOSHAL Roll No. 190331000002

Semester No.	Subject	Course			1					1
No.	Subject	Course Code	Cource little	Grade Cred		Grade Point	Credit Retained	SGPA on the basis of		Result Code
DHASIOI OCA	Code	Course Time	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses		
η.	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	9	6	54	2019			
I	riiisiologi	CC-2	Biological Physics and Enzymes	9	6	54	2019			
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2019	9.00	8.18	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2019			
т	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	10	6	60	2020			
r	PHISIOLOGI	CC-4	Chemistry of Biomolecules	10	6	60	2020			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2020	10.00	9.60	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2020			
	PHYSIOLOGY CC-6 CC-7	CC-5	Circulating Body Fluids	10	6	60	2020			
F		CC-6	Circulation	10	6	60	2020			
III		CC-7	Functions of The Nervous System	10	6	60	2020	10.00	9.77	Q
2	ZOOLOGY	GE-3	Physiology and Biochemistry	9	6	54	2020			
F	PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	10	2	20	2020			
		CC-8	Energy Balance, Metabolism and Nutrition	10	6	60	2021			
F	PHYSIOLOGY	CC-9	Gastrointestinal Function	10	6	60	2021			
IV		CC-10	Respiration	10	6	60	2021	10.00	9.77	Q
2	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	9	6	54	2021			
F	PHYSIOLOGY	SEC-2	Hematological Techniques	10	2	20	2021			
_	PHYSIOLOGY	CC-11	Special Senses	9	6	54	2021			
	rn i siolog i	CC-12	Endocrinology	10	6	60	2021	9.75	9.75	
V	PHYSIOLOGY	DSE-1	Biological Statistics	10	6	60	2021	9.73	9.73	Q
ľ	rnisiologi	DSE-2	Sports and Exercise Physiology	10	6	60	2021			
_	DIIVCIOI OCV	CC-13	Reproduction	10	6	60	2022			
	VI	CC-14	Formation and Excretion of Urine	10	6	60	2022	10.00	10.00	
		DSE-3	Human Nutrition and Dietetics	10	6	60	2022	10.00	10.00	Q
l l	rn i SlULUG i	DSE-4	Toxicology	10	6	60	2022			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs: 9.83 CGPA (Cumulative Grade Point Average) on the basis of All Courses: 9.54						Letter Grade in CGPA : O		Result : Q		

Date of Publication of Result : 29.07.2022

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



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		PNC – Programme Not Cleared [CGPA on the basis of
SEC – Skill Enhancement Course	7 to below 8 A (Very		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.

١	
١	
١	
١	
١	
١	
١	
١	
١	
- 1	COLUMN STATEMENT OF THE

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

Percentage Conversion Formula: = (SGPA or CGPA×10) - 5.0

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



Name: AGAMONI GHOSH Roll No. 190331000003

			Honours: CHEMISTR	Y						
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the	Result
No.	Subject	Code	Course ride	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	CHEMISTRY	CC-1	Organic Chemistry-I	8	6	48	2019			
	CHEMISTRI	CC-2	Physical Chemistry-I	8	6	48	2019			
I	MATHEMATICS	GE-1	Differential Calculus	8	6	48	2019	8.00	7.64	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2019			
	CHEMISTRY	CC-3	Inorganic Chemistry-I	9	6	54	2020			
	CHEMISTRI	CC-4	Organic Chemistry-II	9	6	54	2020			
II	MATHEMATICS	GE-2	Differential Equations	8	6	48	2020	9.00	8.70	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2020			
		CC-5	Physical Chemistry-II	9	6	54	2020			
	CHEMISTRY	CC-6	Inorganic Chemistry-II	9	6	54	2020			
III	III	CC-7	Organic Chemistry-III	9	6	54	2020	9.00	9.15	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	10	6	60	2020			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	8	2	16	2020			
		CC-8	Physical Chemistry-III	10	6	60	2021		9.77	
	CHEMISTRY	CC-9	Inorganic Chemistry-III	10	6	60	2021			
IV		CC-10	Organic Chemistry - IV	10	6	60	2021	10.00		Q
	PHYSICS	GE-4	Waves and Optics	9	6	54	2021			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	10	2	20	2021			
	CHEMISTRY	CC-11	Inorganic Chemistry-IV	10	6	60	2021			
**	CHEWISTKI	CC-12	Organic Chemistry-V	10	6	60	2021	9.75	9.75	Q
V	CHEMISTRY	DSE-1	Advanced Physical Chemistry	10	6	60	2021	9.73	9.73	(
	CHEMISTRI	DSE-2	Analytical Methods in Chemistry	9	6	54	2021			
	CHEMISTRY	CC-13	Inorganic Chemistry-V	9	6	54	2022			
3.77	CHEWIISTKI	CC-14	Physical Chemistry-IV	10	6	60	2022	9.75	9.75	
VI	CHEMISTRY	DSE-3	Green Chemistry	10	6	60	2022	9.13	9.73	Q
	CHEWIISTKI	DSE-4	Dissertation Followed by Power Point Presentation	10	6	60	2022			
	CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs: 9.39 CGPA (Cumulative Grade Point Average) on the basis of All Courses: 9.17				Letter Grade in CGPA : O		Resul	Result : Q		

Date of Publication of Result : 29.07.2022
$$SGPA(S) = \frac{\sum_{i=1}^{n} (G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum_{i=1}^{N} (V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$



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	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				
0,010	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)					

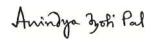


Name: AKASH MAL Roll No. 190331000004

			Honours: PHYSIOL	OGY						
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Result
No.	Subject	Code	e Course Title (G)		(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	6	6	36	2019			
	rh i siolog i	CC-2	Biological Physics and Enzymes	6	6	36	2019			
I	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	6	6	36	2019	6.00	6.00	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2019			
	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	7	6	42	2020			
	PHISIOLOGI	CC-4	Chemistry of Biomolecules	7	6	42	2020			
II	BOTANY	GE-2	Plant Ecology and Taxonomy	7	6	42	2020	7.00	7.00	Q
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2020			
		CC-5	Circulating Body Fluids	9	6	54	2020			
	PHYSIOLOGY	CC-6	Circulation	7	6	42	2020			1
III		CC-7	Functions of The Nervous System	8	6	48	2020	8.00	8.23	Q
	ZOOLOGY	GE-3	Physiology and Biochemistry	9	6	54	2020			
	PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	8	2	16	2020			
		CC-8	Energy Balance, Metabolism and Nutrition	9	6	54	2021			
	PHYSIOLOGY	CC-9	Gastrointestinal Function	9	6	54	2021			
IV		CC-10	Respiration	9	6	54	2021	9.00	8.77	Q
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2021			
	PHYSIOLOGY	SEC-2	Hematological Techniques	9	2	18	2021			
	PHYSIOLOGY	CC-11	Special Senses	8	6	48	2021			
***	rh i siolog i	CC-12	Endocrinology	7	6	42	2021	7.75	7.75	Q
V	PHYSIOLOGY	DSE-1	Biological Statistics	8	6	48	2021	1.13	1.13	(
	TITSIOLOGI	DSE-2	Ergonomics and Occupational Physiology	8	6	48	2021			
	PHYSIOLOGY	CC-13	Reproduction	8	6	48	2022			
* 77	FIIISIOLOGI	CC-14	Formation and Excretion of Urine	8	6	48	2022	8.00 8.00	8.00	Q
VI	VI PHYSIOLOGY DSE		Human Nutrition and Dietetics	8	6	48	2022	2		4
	FILISIOLOGI	DSE-4	DSE-4 Toxicology 8 6 48 2022							
	CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs: 7.78 CGPA (Cumulative Grade Point Average) on the basis of All Courses: 7.69						Letter Grade in CGPA : A Result : Q			t : Q

Date of Publication of Result: 29.07.2022

$$SGPA\left(S\right) = \frac{\sum\limits_{i=1}^{n}(G_{i}\times V_{i})}{\sum\limits_{i=1}^{n}V_{i}} \qquad CGPA = \frac{\sum\limits_{i=1}^{N}(V_{i}\times S_{i})}{\sum\limits_{i=1}^{N}V_{i}}$$



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		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.

1	国医院就教育法督院委託的联

	Grade Po	int Norms		
90% to 100%	10	80% and above but below 90%	9	Percentage C = (SGPA or C
70% and above but below 80%	8	60% and above but below 70%	7	*Letter Grade
50% and above but below 60%	6	40% and above but below 50%	5	of CCs and D
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	

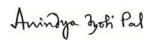


Name: ANIK MUKHOPADHYAY Roll No. 190331000006

			Honours: PHYSIOL	OGY						
Semester	Subject	Course	Course Title Grade Volue Poi		Grade Point	Credit Retained	ba	A on the sis of	Result	
No.	Subject	Code	Course Title	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	6	6	36	2019			
	rn i siolog i	CC-2	Biological Physics and Enzymes	8	6	48	2019			
I	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	6	6	36	2019	7.00	6.73	Q
	ENVIRONMENTAL STUDIES	AECC-1	ndamentals of Environmental Studies 7		4	28	2019			
	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	9	6	54	2020			
	rn i siolog i	CC-4	Chemistry of Biomolecules	9	6	54	2020			
II	BOTANY	GE-2	Plant Ecology and Taxonomy	8	6	48	2020	9.00	8.70	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2020			
	PHYSIOLOGY	CC-5	Circulating Body Fluids	10	6	60	2020			
		CC-6	Circulation	9	6	54	2020			
III		CC-7	Functions of The Nervous System	9	6	54	2020	9.33	8.92	Q
	ZOOLOGY	GE-3	Physiology and Biochemistry	8	6	48	2020			
	PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	8	2	16	2020	1		
		CC-8	Energy Balance, Metabolism and Nutrition	9	6	54	2021			
	PHYSIOLOGY	CC-9	Gastrointestinal Function	9	6	54	2021			
IV		CC-10	Respiration	9	6	54	2021	9.00	8.77	Q
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2021			
	PHYSIOLOGY	SEC-2	Hematological Techniques	9	2	18	2021			
	PHYSIOLOGY	CC-11	Special Senses	8	6	48	2021			
3.7	TITSIOLOGI	CC-12	Endocrinology	7	6	42	2021	7.75	7.75	Q
V	PHYSIOLOGY	DSE-1	Biological Statistics	8	6	48	2021	1.13	1.13	
	riiisioLogi	DSE-2	Sports and Exercise Physiology	8	6	48	2021			
	PHYSIOLOGY	CC-13	Reproduction	8	6	48	2022			
177	TITSIOLOGI	CC-14	Formation and Excretion of Urine	9	6	54	2022	8 25	8 25	Q
VI	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	8	6	48	2022	8.25 8.25		
	FILISIOLOGI	DSE-4	Toxicology	8	6	48	2022			
		_	sis of CCs & DSEs : 8.39 sis of All Courses : 8.21				Letter G		Resul	t : Q
- 51.1. (Cui										

Date of Publication of Result: 29.07.2022

$$SGPA\left(S\right) = \frac{\sum\limits_{i=1}^{n}(G_{i} \times V_{i})}{\sum\limits_{i=1}^{n}V_{i}} \qquad CGPA = \frac{\sum\limits_{i=1}^{N}(V_{i} \times S_{i})}{\sum\limits_{i=1}^{N}V_{i}}$$



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		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 = (SGPA o *Letter Gra			
70% and above but below 80%	8	60% and above but below 70%	7	*Letter Gra			
50% and above but below 60%	6	40% and above but below 50%	5	of CCs and			
35% and above but below 40%	4	Below 35%	Not Awarded (NA)				
				i			

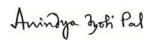


Name: ANIMESH CHATTERJEE Roll No. 190331000007

			Honours: PHYSIOLO	OGY						
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the	Result
No.	Subject	Code	Course True	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	6	6	36	2019			
	rn i siolog i	CC-2	Biological Physics and Enzymes	6	6	36	2019			
I	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	5	6	30	2019	6.00	5.73	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2019			
	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	8	6	48	2020			
	rnisiologi	CC-4	Chemistry of Biomolecules	8	6	48	2020			
II	BOTANY	GE-2	Plant Ecology and Taxonomy	8	6	48	2020	8.00	7.90	Q
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2020			
		CC-5 Circulating Body Fluids		9	6	54	2020			
	PHYSIOLOGY	CC-6	Circulation	8	6	48	2020			1
III		CC-7	Functions of The Nervous System	8	6	48	2020	8.33	8.23	Q
	ZOOLOGY	GE-3	Physiology and Biochemistry	8	6	48	2020			
	PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	8	2	16	2020			
		CC-8	Energy Balance, Metabolism and Nutrition	9	6	54	2021			
	PHYSIOLOGY	CC-9	Gastrointestinal Function	9	6	54	2021			
IV		CC-10	Respiration	9	6	54	2021	9.00	9.00	Q
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	9	6	54	2021			
	PHYSIOLOGY	SEC-2	Hematological Techniques	9	2	18	2021			
	PHYSIOLOGY	CC-11	Special Senses	8	6	48	2021			
	PHISIOLOGI	CC-12	Endocrinology	9	6	54	2021	8.75	8.75	
V	PHYSIOLOGY	DSE-1	Biological Statistics	9	6	54	2021	0.73	0.73	Q
	PHISIOLOGI	DSE-2	Sports and Exercise Physiology	9	6	54	2021			
	PHYSIOLOGY	CC-13	Reproduction	8	6	48	2022			
	rn i SIULUG i	CC-14	Formation and Excretion of Urine	9	6	54	2022	8.75	8.75	Q
VI	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	9	6	54	2022	8.73	8.73	(
	FH I SIULUG I	DSE-4	Toxicology				2022			
		<u> </u>	sis of CCs & DSEs : 8.33 sis of All Courses : 8.11				Letter G		Resul	t : Q
CGPA (CUI	nuianve Grade Point Aver	age) on me ba	SIS OF AIT COURSES : 0.11				COLA	• 4 2 1		

Date of Publication of Result : 29.07.2022

$$SGPA\left(S\right) = \frac{\sum\limits_{i=1}^{n}(G_{i} \times V_{i})}{\sum\limits_{i=1}^{n}V_{i}} \qquad CGPA = \frac{\sum\limits_{i=1}^{N}(V_{i} \times S_{i})}{\sum\limits_{i=1}^{N}V_{i}}$$



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		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/ard 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 = (SGPA or CGPA×10
70% and above but below 80%	8	60% and above but below 70%	7	*Letter Grade in CGPA
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)	

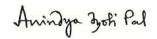


Name: ANJALI CHOWDHURY Roll No. 190331000008

			Honours: MICROBIOLO	GY						
Semester	Subject	Course	Course little Value Value I Ullit		Credit Retained	SGPA on the basis of		Result		
No.	Bubject	Code	Course Title	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MICROBIOLOGY	CC-1	Introduction to Microbiology and Microbial Diversity	5	6	30	2019			
		CC-2	Bacteriology	5	6	30	2019			
I	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	7	6	42	2019	5.00	5.73	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2019			
	MICROBIOLOGY	CC-3	Biochemistry	7	6	42	2020			
	MICKOBIOLOGI	CC-4	Virology	7	6	42	2020			
II	BOTANY	GE-2	Plant Ecology and Taxonomy	8	6	48	2020	7.00	7.40	Q
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2020			
		CC-5	Microbial Physiology & Metabolism	6	6	36	2020			
	MICROBIOLOGY C		Cell Biology	7	6	42	2020	2020		
III		CC-7	Molecular Biology	7	6	42	2020	6.67	7.08	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2020			
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	5	2	10	2020			
		CC-8	Microbial Genetics	8	6	48	2021			
	MICROBIOLOGY	CC-9	Environmental Microbiology			48	2021			
		CC-10	Food and Dairy Microbiology	7	6	42	2021			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2021	7.67 8.00		Q
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	8	2	16	2021			
	Manoniorody	CC-11	Industrial Microbiology	7	6	42	2021			
	MICROBIOLOGY	CC-12	Immunology	7	6	42	2021			
V	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	7	6	42	2021	7.25	7.25	Q
		DSE-2	Instrumentation and Biotechniques	8	6	48	2021	1		
	MICROPIOLOGY	CC-13	Medical Microbiology	7	6	42	2022			
	MICROBIOLOGY	CC-14	Recombinant DNA Technology	7	6	42	2022	7.00	7.00	
VI	MICROPIOLOGY	DSE-3	Advances in Microbiology	7	6	42	2022	7.00	7.00	Q
	MICROBIOLOGY	DSE-4	Bio-Safety and Intellectual Property Rights	6.5						
			sis of CCs & DSEs : 6.89				Letter Gi CGPA		Resul	t : Q
CGPA (Cui	nuiauve Grade Point Avers	age) on me ba	sis of All Courses : 7.10				COLA	• 20 1		

Date of Publication of Result: 29.07.2022

$$SGPA\left(S\right) = \frac{\sum\limits_{i=1}^{n}(G_{i} \times V_{i})}{\sum\limits_{i=1}^{n}V_{i}} \qquad CGPA = \frac{\sum\limits_{i=1}^{N}(V_{i} \times S_{i})}{\sum\limits_{i=1}^{N}V_{i}}$$



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		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.

	鳳	
	4	9
3 2 3 3 3 4 5	S.	_
	Ţ.	7
	Ę.	١,
	Ğ	-
	3	3
国的特殊的	~2	

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



Roll No. 190331000010 Name: ANWESA PAL

			Honours: MATHEMATI	CS						
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	SGPA on the basis of		Result
No.	Bubject	Code	Course Title	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	7	6	42	2019			
	WATIEWATICS	CC-2	Algebra	6	6	36	2019			
I	PHYSICS	GE-1	Mechanics	2019	6.50	7.27	Q			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	ndamentals of Environmental Studies 7 4 28						
	MATHEMATICS	CC-3	Real Analysis	9	6	54	2020			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	9	6	54	2020			
II	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2020	9.00	9.00	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2020			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	10	6	60	2020			
	MATHEMATICS	CC-6	Group Theory I	10	6	60	2020]	9.77	
III		CC-7	Numerical Methods	10	6	60	2020	10.00		Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2020			
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2020			
		CC-8	Riemann Integration and Series of Functions	10	6	60	2021			
	MATHEMATICS	CC-9	Multivariate Calculus	10	6	60	2021			
		CC-10	Ring Theory and Linear Algebra I	10	6	60	2021			Q
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	10	6	60	2021	10.00	10.00 10.00	
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2021			
	MARKENAARIOG	CC-11	Partial Differential Equations and Applications	10	6	60	2021			
	MATHEMATICS	CC-12	Mechanics I	10	6	60	2021	10.00	10.00	
V	MARKENAARIOG	DSE-1	Linear Programming	10	6	60	2021	10.00	10.00	Q
	MATHEMATICS	DSE-2	Probability & Statistics	10	6	60	2021			
	MARKENAARIOG	CC-13	Metric Spaces and Complex Analysis	10	6	60	2022			
	MATHEMATICS CC-14		Ring Theory and Linear Algebra II	10	6	60	2022	10.00	10.00	
VI	MATHEMATICS	DSE-3	Project Work	10	6	60	2022	10.00	10.00	Q
	MATHEMATICS	DSE-4	Mechanics II	10	6	60	2022			
`	nulative Grade Point Averag	, ,	sis of CCs & DSEs : 9.50 sis of All Courses : 9.39				Letter Gi CGPA		Resul	t : Q

Date of Publication of Result : 29.07.2022

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



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

Percentage Conversion Formula:

= (SGPA or CGPA \times 10) - 5.0

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



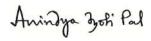
Name: ANWITA BHATTACHARYA

Roll No. 190331000011

			Honours: ZOOLOGY							
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Result
No.	Bubject	Code	Course True	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	ZOOLOGY	CC-1	Non-chordates I	9	6	54	2019			
	ZOOLOGI	CC-2	Ecology	8	6	48	2019			
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	es, Redox Reactions, General Organic 9 6 5				8.50	8.36	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2019			
	ZOOLOGY	CC-3	Non-chordates II	9	6	54	2020			
	ZOOLOGI	CC-4	Cell Biology	9	6	54	2020			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2020	9.00	9.00	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2020			
		CC-5	Chordates	8	6	48	2020			
	ZOOLOGY	CC-6	CC-6 Animal Physiology: Controlling and Coordinating Systems 9 6		54	2020		0.45		
III		CC-7	Fundamentals of Biochemistry	8	6	48	2020	8.33	8.46	Q
	BOTANY	GE-3	Plant Anatomy and Embryology	9	6	54	2020			
	ZOOLOGY	SEC-1	Apiculture	8	2	16	2020			
		CC-8	Comparative Anatomy of Vertebrates	9	6	54	2021			
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	9	6	54	2021			
IV		CC-10	Immunology	9	6	54	2021	9.00	9.00	Q
	BOTANY	GE-4	Plant Physiology and Metabolism	9	6	54	2021			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	9	2	18	2021			
	ZOOLOGY	CC-11	Molecular Biology	10	6	60	2021			
V	ZOOLOGI	CC-12	Genetics	9	6	54	2021	9.25	9.25	Q
V	ZOOLOGY	DSE-1	Animal Biotechnology	9	6	54	2021	7.23	7.23	(
	ZOOLOGI	DSE-2	Parasitology	9	6	54	2021			
	ZOOLOGY	CC-13	Developmental Biology	10	6	60	2022			
371	LOOLOGI	CC-14	Evolutionary Biology	8	6	48	2022	9.25	9.25	Q
VI	ZOOLOGY DSE-3 Anir		Animal Behaviour	9	6	54	2022	9.23 9.23		
	ZOOLOGI	DSE-4	Endocrinology	10	6	60	2022			
			sis of CCs & DSEs : 8.94 sis of All Courses : 8.89				Letter Grade in CGPA : A+		Resul	t : Q
COFA (Cui	mulative Grade Form Aver	age) on the ba	313 OF ALL COURSES . 0.07				00211			

Date of Publication of Result : 29.07.2022

$$SGPA\left(S\right) = \frac{\sum\limits_{i=1}^{n}(G_{i} \times V_{i})}{\sum\limits_{i=1}^{n}V_{i}} \qquad CGPA = \frac{\sum\limits_{i=1}^{N}(V_{i} \times S_{i})}{\sum\limits_{i=1}^{N}V_{i}}$$



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 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
tie E	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: APURBA MANDAL Roll No. 190331000012

			Honours: PHYSICS							
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Result
No.	Subject	Code	Course True	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	PHYSICS	CC-1	Mathematical Physics-I	6	6	36	2019			
	rnisics	CC-2	Mechanics	7	6	42	2019			
I	MATHEMATICS	GE-1	Differential Calculus	8	6	48	2019	6.50	7.00	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2019			
	PHYSICS	CC-3	Electricity and Magnetism	8	6	48	2020			
	rnisics	CC-4	Waves and Optics	8	6	48	2020			
II	MATHEMATICS	GE-2	Differential Equations	8	6	48	2020	8.00	8.10	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2020			
		CC-5	Mathematical Physics-II	9	6	54	2020			
	PHYSICS	CC-6	Thermal Physics	9 6 54 2020						
III		CC-7	Digital Systems and Applications	9	6	54	2020	9.00	9.00	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2020			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	9	2	18	2020			
		CC-8	Mathematical Physics-III	9	6	54	2021			
	PHYSICS	CC-9	Elements of Modern Physics	9	6	54	2021			
		CC-10	Analog Systems & Applications	9	6	54	2021			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2021	9.00	9.00	Q
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	9	2	18	2021			
	PHYSICS	CC-11	Quantum Mechanics and Applications	10	6	60	2021			
	PHISICS	CC-12	Solid State Physics	9	6	54	2021	9.50	9.50	
V	PHYSICS	DSE-1	Advanced Mathematical Physics	10	6	60	2021	9.50	9.30	Q
	PHISICS	DSE-2	Classical Dynamics	9	6	54	2021			
	DIIVCICC	CC-13	Electromagnetic Theory	9	6	54	2022			
	PHYSICS	CC-14	Statistical Mechanics	9	6	54	2022	9.25	9.25	
VI	DIIVCICC	DSE-3	Nuclear and Particle Physics	10	6	60	2022	9.23	9.25	Q
	PHYSICS DSE-4 Astronomy and Astrophysics 9 6 54						2022			
			sis of CCs & DSEs : 8.78 sis of All Courses : 8.69				Letter Gr CGPA		Resul	t : Q

Date of Publication of Result : 29.07.2022

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



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.

	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 Awarded	(NA)	



Name: APURBA MONDAL Roll No. 190331000013

No. Subject Code Course little (G) Value (GXV) Vear CCs & All DSEs Courses				Honours: CHEMISTR	Y						
CHEMISTRY CC-1 Organic Chemistry-I R		Subject		Course Title					ba	sis of	Result
CHEMISTRY	No.	Subject	Code	5000000			(G×V)				Code
Table		CHEMISTRY	CC-1	Organic Chemistry-I	8	6	48	2019			
ENVIRONMENTAL STUDIES		CHEMISTRI	CC-2	Physical Chemistry-I	6	6	36	2019			
STUDIES	I	MATHEMATICS	GE-1	Differential Calculus	7	6	42	2019	7.00	7.00	Q
CHEMISTRY			AECC-1	Fundamentals of Environmental Studies	7	4	28	2019			
III MATHEMATICS GE-2 Differential Equations 9 6 54 2020 9.00 8.90 Q		CHEMISTRY	CC-3	Inorganic Chemistry-I	9	6	54	2020)		
Communicative English/MIL		CHEWISTKT	CC-4	Organic Chemistry-II	9	6	54	2020			
English/MIL	II	MATHEMATICS	GE-2	Differential Equations	9	6	54	2020	9.00	8.90	Q
CHEMISTRY			AECC-2	engali 8		2	16	2020			
The content of the			CC-5	Physical Chemistry-II	9	6	54	2020			
PHYSICS GE-3 Thermal Physics and Statistical Mechanics 9 6 54 2020		CHEMISTRY	CC-6	Inorganic Chemistry-II	8	6	48	2020			
CHEMISTRY SEC-1 Basic Analytical Chemistry 8 2 16 2020	III		CC-7	Organic Chemistry-III	9	6	54	2020	8.67	8.69	Q
CHEMISTRY		PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	9	6	54	2020			
CHEMISTRY		CHEMISTRY	SEC-1	Basic Analytical Chemistry	8	2	16	2020			
CC-10 Organic Chemistry - IV 9 6 54 2021 9.33 9.31 Q		CHEMISTRY	CC-8	Physical Chemistry-III	10	6	60	2021		9.31	
PHYSICS GE-4 Waves and Optics 9 6 54 2021			CC-9	Inorganic Chemistry-III	9	6	54	2021			
CHEMISTRY SEC-2 Pharmaceutical Chemistry 10 2 20 2021	IV		CC-10	Organic Chemistry - IV	9	6	54	2021	9.33		Q
CHEMISTRY		PHYSICS	GE-4	Waves and Optics	9	6	54	2021			
V		CHEMISTRY	SEC-2	Pharmaceutical Chemistry	10	2	20	2021			
V		CHEMISTRY	CC-11	Inorganic Chemistry-IV	9	6	54	2021			
CHEMISTRY	***	CHEMISTRI	CC-12	Organic Chemistry-V	9	6	54	2021	0.00	0.00	
DSE-2 Analytical Methods in Chemistry 9 6 54 2021	V	CHEMISTRY	DSE-1	Advanced Physical Chemistry	9	6	54	2021	7.00	7.00	
VI CHEMISTRY CC-14 Physical Chemistry-IV 9 6 54 2022 9.00 9.00 Q CHEMISTRY DSE-3 Green Chemistry 10 6 60 2022 9.00 9.00 Q DSE-4 Dissertation Followed by Power Point Presentation 9 6 54 2022 9.00 9.00 Q	CHEWISTRI		DSE-2	Analytical Methods in Chemistry	9	6	54	2021			
VI	CHEMISTRY		CC-13	Inorganic Chemistry-V	8	6	48	2022			
CHEMISTRY DSE-3 Green Chemistry 10 6 60 2022		CILWINTKI	CC-14	Physical Chemistry-IV	9	6	54	2022	9.00	9.00	
DSE-4 Dissertation Followed by Power Point Presentation 9 6 54 2022	V1	CHEMISTRY	DSE-3	Green Chemistry	10	6	60	2022	7.00		'
CCDA (Cumulative Crede Point Average) on the basis of CCs & DSEs & 78		CILWINTKI	DSE-4	Dissertation Followed by Power Point Presentation	9	6	54	2022			
Result ()	CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.78 CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.68							Letter Grade in CGPA : A+ Result : Q			t : Q

Date of Publication of Result : 29.07.2022

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



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

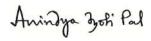


Name: ARIJIT DAS Roll No. 190331000014

			Honours: ZOOLOGY								
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Result	
No.	Subject	Code	Course True	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code	
	ZOOLOGY	CC-1	Non-chordates I	9	6	54	2019				
	ZOOLOGT	CC-2	Ecology	7	6	42	2019				
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2019	8.00	8.09	Q	
	ENVIRONMENTAL STUDIES	AECC-1	andamentals of Environmental Studies 7 4 28 2019								
ZOOLOGY CC-3 Non-chordates II 9						54	2020				
	ZOOLOGT	CC-4	Cell Biology	9	6	54	2020		8.90		
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2020	9.00		Q	
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2020				
		CC-5	Chordates	8	6	48	2020				
	ZOOLOGY	CC-6	Animal Physiology: Controlling and Coordinating Systems	7	6	42	2020	7.00	7.46		
III		CC-7	Fundamentals of Biochemistry	7	6	42	2020	7.33	7.46	Q	
	BOTANY	GE-3	Plant Anatomy and Embryology	8	6	48	2020				
	ZOOLOGY	SEC-1	Apiculture	7	2	14	2020				
		CC-8	Comparative Anatomy of Vertebrates	8	6	48	2021				
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	g Systems 8 6 48		2021					
IV		CC-10	Immunology	8	6	48	2021	8.00	8.23	Q	
	BOTANY	GE-4	Plant Physiology and Metabolism	9	6	54	2021				
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	8	2	16	2021				
	ZOOLOGY	CC-11 CC-12	Molecular Biology	9	6	54	2021				
V			Genetics	8	6	48	2021	8.25	8.25	Q	
ZOOLOGY		DSE-1	Animal Biotechnology	8	6	48	2021	0.23	0.23	~	
ZOOLOGI		DSE-2	Parasitology	8	6	48	2021				
ZOOLOGY		CC-13	Developmental Biology	9	6	54	2022				
VI		CC-14	Evolutionary Biology	7	6	42	2022	8.00	8.00	Q	
71	ZOOLOGY	DSE-3	Animal Behaviour 8		6	48	2022	2.00	8.00	~	
		DSE-4	Endocrinology	8	6	48	2022				
,	CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.06 CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.13							Letter Grade in CGPA : A+		ult : Q	

Date of Publication of Result : 29.07.2022

$$SGPA\left(S\right) = \frac{\sum\limits_{i=1}^{n}(G_{i} \times V_{i})}{\sum\limits_{i=1}^{n}V_{i}} \qquad CGPA = \frac{\sum\limits_{i=1}^{N}(V_{i} \times S_{i})}{\sum\limits_{i=1}^{N}V_{i}}$$



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		
120	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)	

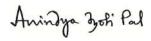


Name: ARIJIT MONDAL Roll No. 190331000015

			Honours: ZOOLOGY							
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the	Result
No.	Bubject	Code	Course True	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	ZOOLOGY	CC-1	Non-chordates I	7	6	42	2019			
	ZOOLOGI	CC-2	Ecology	6	6	36	2019			
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2019	6.50	7.27	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2019			
ZOOLOGY CC-3 Non-chordates II 8 6							2020			
	ZOOLOGI	CC-4	Cell Biology	8	6	48	2020			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2020	8.00	8.30	Q
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2020			
		CC-5	Chordates	9	6	54	2020			
	ZOOLOGY	CC-6	Animal Physiology: Controlling and Coordinating Systems	8	6	48	2020		T.02	
III		CC-7	Fundamentals of Biochemistry	6	6	36	2020	7.67	7.92	Q
	BOTANY	GE-3	Plant Anatomy and Embryology	9	6	54	2020			
	ZOOLOGY	SEC-1	Apiculture	7	2	14	2020			
		CC-8	Comparative Anatomy of Vertebrates	8	6	48	2021			
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	9	6	54	2021			Q
IV		CC-10	Immunology	8	6	48	2021	8.33	8.46	
	BOTANY	GE-4	Plant Physiology and Metabolism	9	6	54	2021			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	8	2	16	2021			
	ZOOLOGY	CC-11	Molecular Biology	10	6	60	2021			
V ZOOLOGY		CC-12	Genetics	8	6	48	2021	9.00	9.00	Q
		DSE-1	Animal Biotechnology	9	6	54	2021	7.00	7.00	_ ~
	2002001	DSE-2	Parasitology	9	6	54	2021			
ZOOLOGY		CC-13	Developmental Biology	9	6	54	2022			
VI	LUULUG I	CC-14	Evolutionary Biology	8	6	48	2022	8.50	8.50	Q
V 1	ZOOLOGY	DSE-3	Animal Behaviour		6	54	2022	0.00	8.50	(
		DSE-4	Endocrinology	8	6	48	2022			
	CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.17 CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.25							Letter Grade in CGPA : A+		t : Q

Date of Publication of Result : 29.07.2022

$$SGPA\left(S\right) = \frac{\sum\limits_{i=1}^{n}(G_{i} \times V_{i})}{\sum\limits_{i=1}^{n}V_{i}} \qquad CGPA = \frac{\sum\limits_{i=1}^{N}(V_{i} \times S_{i})}{\sum\limits_{i=1}^{N}V_{i}}$$



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.

回網網		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 Awarded (NA)	

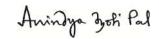


Name: ARITRA MANDAL Roll No. 190331000016

	1		Honours: MICROBIOLO	GY	1			1		1	
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the	Result	
No.	Subject	Code	Course Title	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code	
	MICROBIOLOGY	CC-1	Introduction to Microbiology and Microbial Diversity	7	6	42	2019				
		CC-2	Bacteriology	7	6	42	2019				
I BOTANY		GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	8	6	48	2019	7.00	7.00 7.27		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies 7 4 28 2019								
	MICROBIOLOGY	9	6	54	2020						
	MICKOBIOLOGI	Virology	9	6	54	2020					
II	BOTANY	GE-2	Plant Ecology and Taxonomy	9	6	54	2020	9.00	9.00	Q	
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2020				
MICROBIOLOGY		CC-5	Microbial Physiology & Metabolism	ism 9 6 54 2020							
		CC-6	Cell Biology	9	6	54	2020				
III		CC-7	Molecular Biology	9	6	54	2020	9.00	9.00	Q	
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2020				
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	9	2	18	2020				
	MICROBIOLOGY	CC-8	Microbial Genetics	10	6	60	2021				
		CC-9	Environmental Microbiology		6	60	2021				
		CC-10	Food and Dairy Microbiology	9	6	54	2021				
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2021	9.67	9.54	Q	
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	10	2	20	2021				
	Manoniorody	CC-11	Industrial Microbiology	9	6	54	2021				
	MICROBIOLOGY	CC-12	Immunology	9	6	54	2021				
V MICROBIOLOGY		DSE-1	Microbes in Sustainable Agriculture and Development	9	6	54	2021	9.00	9.00	Q	
		DSE-2	Instrumentation and Biotechniques	9	6	54	2021	1			
	MICROPIOLOGY	CC-13	Medical Microbiology	9	6	54	2022				
MICROBIOLOGY		CC-14	Recombinant DNA Technology	9	6	54	2022	9.00			
VI	MICROPIOLOGY	DSE-3			54	2022	9.00	9.00	Q		
	MICROBIOLOGY	DSE-4	Bio-Safety and Intellectual Property Rights	9	6	54	2022]			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs: 8.89 CGPA (Cumulative Grade Point Average) on the basis of All Courses: 8.83							Letter Grade in CGPA : A+		Resul	Result : Q	

Date of Publication of Result: 29.07.2022

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



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

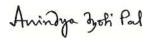


Name: ARPAN GHOSHAL Roll No. 190331000017

			Honours: MATHEMATI	CS						
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the	Result
No.	Subject	Code	Course ride	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2019			
	MATHEMATICS	CC-2	Algebra	4	6	24	2019			
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2019	4.50	5.91	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2019			
	MATHEMATICS	CC-3	Real Analysis	7	6	42	2020			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	7	6	42	2020			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2020	7.00	7.20	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2020			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	10	6	60	2020			
	MATHEMATICS	CC-6	Group Theory I	10	6	60	2020	10.00	9.77	
III	CC-7		Numerical Methods	10	6	60	2020	10.00	7.11	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	9	6	54	2020			
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2020			
		CC-8	Riemann Integration and Series of Functions	10	6	60	2021			
	MATHEMATICS	CC-9	Multivariate Calculus	10	6	60	2021			
IV		CC-10	Ring Theory and Linear Algebra I	10	6	60	2021	10.00	10.00	Q
	PHYSICS	GE-4	Waves and Optics	10	6	60	2021			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2021			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2021			
v	WINTIEWINTED	CC-12	Mechanics I	10	6	60	2021	10.00	10.00	Q
V	MATHEMATICS	DSE-1	Linear Programming	10	6	60	2021	10.00	10.00	4
	WINTIEWINTES	DSE-2	Probability & Statistics	10	6	60	2021			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2022			
771	WITHEWATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2022	10.00	10.00	
VI	MATHEMATICS	DSE-3	Project Work	10	6	60	2022	10.00	10.00	Q
	MATHEMATICS DSE-		Mechanics II	10	6	60	2022			
	nulative Grade Point Avera		sis of CCs & DSEs : 9.06				Letter Gi CGPA		Resul	t : Q
COLA (CIII	mulative Grade I offit AVEI	50) on the ba	515 OI / III COUISCS . U. / J							

Date of Publication of Result : 29.07.2022

$$SGPA\left(S\right) = \frac{\sum\limits_{i=1}^{n}(G_{i} \times V_{i})}{\sum\limits_{i=1}^{n}V_{i}} \qquad CGPA = \frac{\sum\limits_{i=1}^{N}(V_{i} \times S_{i})}{\sum\limits_{i=1}^{N}V_{i}}$$



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 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 Awarded (NA)	



Name : ARUP MAL Roll No. 190331000018

			Honours: BOTANY							
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	ba	on the	Result
No.	Subject	Code	Course True	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	BOTANY	CC-1	Microbiology and Phycology	5	6	30	2019			
	BOTANT	CC-2	Archegoniatae	6	6	36	2019			
I	ZOOLOGY	GE-1	Animal Diversity	6	6	36	2019	5.50	5.73	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2019			
	BOTANY	CC-3	Mycology and Phytopathology	8	6	48	2020			
	BUIANI	CC-4	Morphology and Anatomy of Angiosperms	8	6	48	2020			
II	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2020	8.00	8.00	Q
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2020			
		CC-5	Plant Ecology and Phytogeography	9	6	54	2020			
III	BOTANY	CC-6	Plant Systematics	8	6	48	2020			
		CC-7	Economic Botany	8	6	48	2020	8.33	8.23	Q
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	8	6	48	2020			
	BOTANY	SEC-1	Agricultural Botany	8	2	16	2020			
		CC-8	Palaeobotany & Palynology	10	6	60	2021			
	BOTANY	CC-9	Biomolecules and Cell Biology	9	6	54	2021			
IV		CC-10	Molecular Biology	9	6	54	2021	9.33	9.31	Q
1 V	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	9	6	54	2021	7.55	7.51	
	BOTANY	SEC-2	Biofertilizers	10	2	20	2021			
	DOTANY	CC-11	Plant Physiology	8	6	48	2021			
	BOTANY	CC-12	Plant Metabolism	9	6	54	2021	8.75	8.75	Q
V	BOTANY	DSE-1	Reproductive Biology of Angiosperms	9	6	54	2021	0.73	0.73	(
	BUIANI	DSE-2	Natural Resource Management	9	6	54	2021			
	BOTANY	CC-13	Genetics & Plant Breeding	9	6	54	2022			
T 77	DOTANT	CC-14	Plant Biotechnology	7	6	42	2022	8.00	8.00	
VI	BOTANY	DSE-3	Plant Evolution & Biodiversity	8	6	48	2022	8.00 8.00		Q
	DUTANT	DSE-4	Industrial and Environmental Microbiology	8	6	48	2022			
			sis of CCs & DSEs : 8.17 sis of All Courses : 8.06				Letter G		Resul	t : Q

Date of Publication of Result: 29.07.2022

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



Course Type		CGPA Lette	r Grades	Result Codes	
CC – Core Course	CGPA	CGPA Letter Grade CGPA Letter Grade Q			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	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 : ASHIQUR RAHAMAN Roll No. 190331000019

			Honours: PHYSICS							
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the	Result
No.	Subject	Code	Course ride	(G)	(V)	(G×V)	T 7	CCs & DSEs	All Courses	Code
	PHYSICS	CC-1	Mathematical Physics-I	5	6	30	2019			
	riiisics	CC-2	Mechanics	8	6	48	2019			
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2019	6.50	6.82	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2019			
	PHYSICS	CC-3	Electricity and Magnetism	8	6	48	2020			
PHYSICS		CC-4	Waves and Optics	8	6	48	2020			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2020	8.00	8.10	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2020			
		CC-5	Mathematical Physics-II	9	6	54	2020			
	PHYSICS	CC-6	Thermal Physics	9	6	54	2020			
III		CC-7	Digital Systems and Applications	9	6	54	2020	9.00	9.00	Q
	MATHEMATICS	GE-3	Real Analysis	9	6	54	2020			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	9	2	18	2020			
		CC-8	Mathematical Physics-III	9	6	54	2021			
	PHYSICS	CC-9	Elements of Modern Physics	9	6	54	2021			
IV		CC-10	Analog Systems & Applications	9	6	54	2021	9.00	9.23	Q
	MATHEMATICS	GE-4	Algebra	10	6	60	2021			
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	9	2	18	2021			
	PHYSICS	CC-11	Quantum Mechanics and Applications	9	6	54	2021			
	PHISICS	CC-12	Solid State Physics	9	6	54	2021	9.00	9.00	Q
V	PHYSICS	DSE-1	Advanced Mathematical Physics	9	6	54	2021	9.00	9.00	(
	rnisics	DSE-2	Classical Dynamics	9	6	54	2021			
	PHYSICS	CC-13	Electromagnetic Theory	9	6	54	2022			
	rnisics	CC-14	Statistical Mechanics	9	6	54	2022	9.00	9.00	
VI	DITION	DSE-3	Nuclear and Particle Physics	9	6	54	2022	9.00	9.00	Q
	PHYSICS DSE		Astronomy and Astrophysics	9	6	54	2022			
		<i>U</i> ,	sis of CCs & DSEs : 8.61 sis of All Courses : 8.58				Letter G		Resul	t : Q
COFA (Cui	nulative Grade Foliit Aver	age) on the ba	ais of All Coulages . U.Ju							

Date of Publication of Result : 29.07.2022

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



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.

	回海旅游戏戏出路然回
١	INTERNAL PROPERTY OF CONTRACT SHAPE AND ADDRESS OF CONTRACT SHAPE

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

Percentage Conversion Formula: = (SGPA or CGPA×10) - 5.0

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

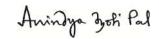


Name: ASMATARA KHATUN Roll No. 190331000020

			Honours: MICROBIOLO	GY						
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Result
No.	Code		Course Title		(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MICROBIOLOGY	CC-1	Introduction to Microbiology and Microbial Diversity	7	6	42	2019			
		CC-2	Bacteriology	6	6	36	2019			
I	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	7	6	42	2019	6.50	6.73	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2019			
	MICROBIOLOGY	CC-3	Biochemistry	8	6	48	2020			
	CC-4		Virology	8	6	48	2020			
II	BOTANY	GE-2	Plant Ecology and Taxonomy	8	6	48	2020	8.00	8.10	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2020			
		CC-5	Microbial Physiology & Metabolism	8	6	48	2020			
	MICROBIOLOGY	CC-6	Cell Biology	8	6	48	2020			
III		CC-7	Molecular Biology	9	6	54	2020	8.33	8.54	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2020			1
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	9	2	18	2020			
	MICROBIOLOGY CC-9	CC-8	Microbial Genetics	9	6	54	2021			
		CC-9	Environmental Microbiology	9	6	54	2021			
		CC-10	Food and Dairy Microbiology	9	6	54	2021			_
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2021	9.00	9.00	Q
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	9	2	18	2021			
	Michobiology	CC-11	Industrial Microbiology	8	6	48	2021			
	MICROBIOLOGY	CC-12	Immunology	9	6	54	2021			
V	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	7	6	42	2021	8.00	8.00	Q
		DSE-2	Instrumentation and Biotechniques	8	6	48	2021			
	Michobiology	CC-13	Medical Microbiology	8	6	48	2022			
	MICROBIOLOGY	CC-14	Recombinant DNA Technology	8	6	48	2022	0.00	0.00	
VI	DSI		Advances in Microbiology		6	48	2022	8.00	8.00	Q
	MICROBIOLOGY DSE-4		Bio-Safety and Intellectual Property Rights	8	6	48	2022	1		
		<u> </u>	sis of CCs & DSEs : 8.06 sis of All Courses : 8.10				Letter Gi		Resul	t : Q

Date of Publication of Result: 29.07.2022

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



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

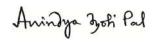


Name: ATIKA BEGUM Roll No. 190331000021

Honours: PHYSIOLOGY										
Semester	Subject	Course	Course Title		Credit Value	Grade Point	Credit Retained	ba	on the	Result
No. Subject		Code	Course Title	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
PHYSIOLOGY CC-1 C		Cellular Basis of Physiology	9	6	54	2020				
	rn i siolog i	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	9	4	36	2020			
	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	9	6	54	2020			
	rn i siolog i	CC-4	Chemistry of Biomolecules	9	6	54	2020			
II	BOTANY	GE-2	Plant Ecology and Taxonomy	10	6	60	2020	9.00	9.40	Q
	Communicative English/MIL AECC-2		Bengali 10 2		2	20	2020			
		CC-5	Circulating Body Fluids	9	6	54	2020			
	PHYSIOLOGY	CC-6	Circulation	9	6	54	2020			
III	III CC-7 ZOOLOGY GE-3 PHYSIOLOGY SEC-1		Functions of The Nervous System	8	6	48	2020	8.67	8.77	Q
			Physiology and Biochemistry	9 6 54 2020						
			Detection of Food Additives/Adulterants	9	2	18	2020			
			Energy Balance, Metabolism and Nutrition	9	6	54	2021			
	PHYSIOLOGY	CC-9	Gastrointestinal Function	9	6	54	2021]		
IV		CC-10	Respiration	9	6	54	2021	9.00	9.00	Q
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	9	6	54	2021			
	PHYSIOLOGY	SEC-2	Hematological Techniques	9	2	18	2021			
	PHYSIOLOGY	CC-11	Special Senses	8	6	48	2021			
* 7	rh i siolog i	CC-12	Endocrinology	8	6	48	2021	8.50	8.50	Q
V	PHYSIOLOGY	DSE-1	Biological Statistics	9	6	54	2021	0.50	6.50	(
DSE-2		DSE-2	Sports and Exercise Physiology	9	6	54	2021			
	PHYSIOLOGY	CC-13	Reproduction	8	6	48	2022			
7.77	rn i siolog i	CC-14	Formation and Excretion of Urine	8	6	48	2022	8.25	8.25	
VI	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	8	6	48	2022	0.23	0.23	Q
	FILISIOLOGI	DSE-4	Toxicology	9	6	54	2022			
	CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.67							Letter Grade in CGPA : A+		t : Q
CGPA (Cur	GPA (Cumulative Grade Point Average) on the basis of All Courses : 8.76									

Date of Publication of Result : 29.07.2022

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



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 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 706	% 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
i	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



Name: BHASKAR GARAI Roll No. 190331000022

Honours: MATHEMATICS										
Semester	Subject	Course	Course Title		de Credit Value		Credit Retained	ba	A on the sis of	Result
No. Subject		Code	Course Title	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2019			
	WATHEWATICS	CC-2	Algebra	7	6	42	2019			
I	PHYSICS	GE-1	Mechanics	7	6	42	2019	6.00	6.45	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies		4	28	2019			
	MATHEMATICS	CC-3	Real Analysis	8	6	48	2020			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	8	6	48	2020			
II	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2020	8.00	8.30	Q
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2020			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	10	6	60	2020			
	MATHEMATICS	CC-6	Group Theory I Numerical Methods		6	60	2020			
III		CC-7			6	60	2020	10.00	9.77	Q
	CHEMISTRY GE-3		Chemical Energetic, Equilibria, Organic Chemistry		6	54	2020			
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2020	2020		
		CC-8	Riemann Integration and Series of Functions	10	6	60	2021			
	MATHEMATICS		Multivariate Calculus		6	60	2021			
		CC-10	Ring Theory and Linear Algebra I	10	6	60	2021			
IV	CHEMISTRY GE-4		Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	10	6	60	2021	10.00	10.00	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2021	1		
	MA THE MATERIA	CC-11	Partial Differential Equations and Applications	10	6	60	2021			
	MATHEMATICS	CC-12	Mechanics I	10	6	60	2021	10.00	10.00	
V	MATHEMATICS	DSE-1	Linear Programming	10	6	60	2021	10.00	10.00	Q
MATHEMATICS		DSE-2	Probability & Statistics	10	6	60	2021	1		
	A A THE MATTER	CC-13	Metric Spaces and Complex Analysis	10	6	60	2022			
	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2022	0.75	0.75	
VI	MATHEMATICS	DSE-3	Project Work	9	6	54	2022	9.75	9.75	Q
	MATHEMATICS	DSE-4	Mechanics II	10	6	60	2022]		
	CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.28 CGPA (Cumulative Grade Point Average) on the basis of All Courses : 9.13								Result : Q	
COFA (Cui	nulative Grade Fornt Aver	age) on the ba	ais of All Courses . J.13				CGPA		L	

Date of Publication of Result : 29.07.2022

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



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		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.

32.75
THE SECOND PROPERTY OF SHAPE

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

Percentage Conversion Formula: = (SGPA or CGPA \times 10) - 5.0

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

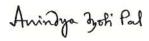


Name: BIKRAM GHOSH Roll No. 190331000023

	7.09 Q
MATHEMATICS CC-1 Calculus, Geometry & Differential Equations 10 6 60 2020	7.09 Q
MATHEMATICS CC-2 Algebra 4 6 24 2019	
CC-2 Algebra	
I CHEMISTRY GE-1 Bases, Redox Reactions, General Organic 8 6 48 2019 7.00 ENVIRONMENTAL STUDIES AECC-1 Fundamentals of Environmental Studies 6 4 24 2019 MATHEMATICS CC-3 Real Analysis 7 6 42 2020	
STUDIES AECC-1 Fundamentals of Environmental Studies 6 4 24 2019	7.00 Q
MATHEMATICS	7.00 Q
MATHEMATICS CC-4 Differential Equations and Vector Calculus 7 6 42 2020	7.00 Q
	7.00 Q
II CHEMISTRY GE-2 States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements 7 6 42 2020 7.00	
Communicative English/MIL AECC-2 Bengali 7 2 14 2020	
CC-5 Theory of Real Functions & Introduction to Metric 9 6 54 2020	
MATHEMATICS	
III CC-7 Numerical Methods 10 6 60 2020 9.67	9.54 Q
PHYSICS GE-3 Thermal Physics and Statistical Mechanics 9 6 54 2020	
MATHEMATICS SEC-1 Logic and Sets 10 2 20 2020	
CC-8 Riemann Integration and Series of Functions 10 6 60 2021	
MATHEMATICS CC-9 Multivariate Calculus 10 6 60 2021	
IV CC-10 Ring Theory and Linear Algebra I 10 6 60 2021 10.00	0 10.00 Q
PHYSICS GE-4 Waves and Optics 10 6 60 2021	
MATHEMATICS SEC-2 Graph Theory 10 2 20 2021	
MATHEMATICS CC-11 Partial Differential Equations and Applications 10 6 60 2021	
CC-12 Mechanics I 10 6 60 2021 10 00	0 10.00 Q
MATHEMATICS DSE-1 Linear Programming 10 6 60 2021	7 10.00 2
DSE-2 Probability & Statistics 10 6 60 2021	
MATHEMATICS CC-13 Metric Spaces and Complex Analysis 10 6 60 2022	
VI CC-14 Ring Theory and Linear Algebra II 10 6 60 2022 10.00	0 10.00 Q
MATHEMATICS DSE-3 Project Work 10 6 60 2022	, 10.00
DSE-4 Mechanics II 10 6 60 2022	
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.28 CGPA (Cumulative Grade Point Average) on the basis of All Courses : 9.04 CGPA : O	n Result : Q

Date of Publication of Result : 29.07.2022

$$SGPA\left(S\right) = \frac{\sum\limits_{i=1}^{n}(G_{i} \times V_{i})}{\sum\limits_{i=1}^{n}V_{i}} \qquad CGPA = \frac{\sum\limits_{i=1}^{N}(V_{i} \times S_{i})}{\sum\limits_{i=1}^{N}V_{i}}$$



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.

	Frade 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%	*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	

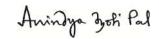


Name: BISWAJIT CHAKRABARTY Roll No. 190331000024

Semester	Subject	Course	Course Title	Grade (G)	Credit Value	Grade Point	Credit Retained		on the	Result
No.	Subject	Code	e Course Title		(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MICROBIOLOGY	CC-1	Introduction to Microbiology and Microbial Diversity	7	6	42	2019			
		CC-2	Bacteriology	8	6	48	2019			
I	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	6	6	36	2019	7.50	7.00	Q
	ENVIRONMENTAL STUDIES	AECC-1	CC-1 Fundamentals of Environmental Studies 7		4	28	2019			
	MICROBIOLOGY	CC-3	Biochemistry	9	6	54	2020			
	MICKOBIOLOGI	CC-4	Virology	9	6	54	2020			
II	BOTANY	GE-2	Plant Ecology and Taxonomy	9	6	54	2020	9.00	8.80	Q
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2020			
		CC-5	Microbial Physiology & Metabolism	9	6	54	2020			
	MICROBIOLOGY	CC-6	Cell Biology	8	6	48	2020			
III		CC-7	Molecular Biology	9	6	54	2020	8.67	8.54	Q
[CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2020			
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	9	2	18	2020			
	MICROBIOLOGY CC	CC-8	Microbial Genetics	9	6	54	2021			
		CC-9	Environmental Microbiology	9	6	54	2021			
		CC-10	Food and Dairy Microbiology	9	6	54	2021			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	10	6	60	2021	9.00	9.23	Q
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	9	2	18	2021			
	Manopiology	CC-11	Industrial Microbiology	8	6	48	2021			
	MICROBIOLOGY	CC-12	Immunology	9	6	54	2021			
V	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	8	6	48	2021	8.25	8.25	Q
		DSE-2	Instrumentation and Biotechniques	8	6	48	2021	1		
	MICDODIOLOGY	CC-13	Medical Microbiology	9	6	54	2022			
	MICROBIOLOGY	CC-14	Recombinant DNA Technology	9	6	54	2022	0.00	0.00	
VI	MICDODIOLOGY	DSE-3	Advances in Microbiology	9	6	54	2022	9.00	9.00	Q
-	MICROBIOLOGY DSE-		Bio-Safety and Intellectual Property Rights	9	6	54	2022	7		
			sis of CCs & DSEs : 8.61 sis of All Courses : 8.49				Letter Grade in CGPA : A+		Result : Q	

Date of Publication of Result: 29.07.2022

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



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

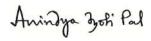


Name: BISWAJIT CHAKRABORTY Roll No. 190331000025

			Honours: ZOOLOGY							
Semester	Subject	Course	Course Title	Grade (G)	Credit Value	Grade Point	Credit Retained	bas	on the	Result
No.	Subject	Code	Course Title		(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	ZOOLOGY	CC-1	Non-chordates I	6	6	36	2019			
	ZOOLOGT	CC-2	Ecology	7	6	42	2019			
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2019	6.50	7.00	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2019			
	ZOOLOGY	CC-3	Non-chordates II	8	6	48	2020			
	ZOOLOGT	CC-4	Cell Biology	7	6	42	2020			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2020	7.50	7.70	Q
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2020			
		CC-5	Chordates	9	6	54	2020			
	ZOOLOGY	CC-6	Animal Physiology: Controlling and Coordinating Systems	8	6	48	2020	0.00	0.22	
III		CC-7	Fundamentals of Biochemistry	7	6	42	2020	8.00	8.23	Q
	BOTANY	GE-3	Plant Anatomy and Embryology	9	6	54	2020			
	ZOOLOGY	SEC-1	Apiculture	8	2	16	2020			
		CC-8	Comparative Anatomy of Vertebrates	9	6	54	2021			
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	9	6	54	2021			
IV		CC-10	Immunology	9	6	54	2021	9.00	9.00	Q
	BOTANY	GE-4	Plant Physiology and Metabolism	9	6	54	2021			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	9	2	18	2021			
	ZOOLOGY	CC-11	Molecular Biology	10	6	60	2021			
v	2002001	CC-12	Genetics	9	6	54	2021	9.00	9.00	Q
,	ZOOLOGY	DSE-1	Animal Biotechnology	9	6	54	2021	7.00	7.00	
	2002001	DSE-2	Parasitology	8	6	48	2021			
	ZOOLOGY	CC-13	Developmental Biology	9	6	54	2022			
VI		CC-14	Evolutionary Biology	8	6	48	2022	8.75	8.75	Q
V 1	ZOOLOGY	DSE-3	Animal Behaviour	9	6	54	2022	0.73 8.73		'
		DSE-4	Endocrinology	9	6	54	2022			
			sis of CCs & DSEs : 8.33 sis of All Courses : 8.32				Letter Gi CGPA		Resul	t : Q

Date of Publication of Result : 29.07.2022

$$SGPA\left(S\right) = \frac{\sum\limits_{i=1}^{n}(G_{i} \times V_{i})}{\sum\limits_{i=1}^{n}V_{i}} \qquad CGPA = \frac{\sum\limits_{i=1}^{N}(V_{i} \times S_{i})}{\sum\limits_{i=1}^{N}V_{i}}$$



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	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
10 / 10 / 10 / 10 V	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: BISWAJIT CHOWDHURY Roll No. 190331000026

			Honours: MATHEMATI	CS						
Semester	Subject	Course	Course Title	Grade (G)	Credit Value	Grade Point	Credit Retained	bas	on the	Result
No.	Busjeet	Code	Course Title		(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	8	6	48	2020			
	WATHEWATICS	CC-2	Algebra	9	6	54	2020			
I	PHYSICS	GE-1	Mechanics	5	6	30	2019	8.50	7.09	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2019			
	MATHEMATICS	CC-3	Real Analysis	6	6	36	2020			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	7	6	42	2020		6.70	
II	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2020	6.50		Q
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2020			
III		CC-5	Theory of Real Functions & Introduction to Metric Spaces	10	6	60	2020			
	MATHEMATICS	CC-6	Group Theory I	10	6	60	2020			
		CC-7	Numerical Methods	9	6	54	2020	9.67	9.31	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2020			
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2020			
		CC-8	Riemann Integration and Series of Functions	10	6	60	2021			
		CC-9	Multivariate Calculus	10	6	60	2021			
		CC-10	Ring Theory and Linear Algebra I	10	6	60	2021			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	10	6	60	2021	10.00	10.00	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2021			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2021			
	MATHEMATICS	CC-12	Mechanics I	10	6	60	2021	9.50	9.50	
V	MATHEMATICS	DSE-1	Linear Programming	9	6	54	2021	9.30	9.30	Q
	MATHEMATICS	DSE-2	Probability & Statistics	10	6	60	2021			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2022			
	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2022	1,000	10.00	
VI	MATHEMATICS	DSE-3	Project Work	10	6	60	2022	10.00	10.00	Q
	MATHEMATICS	DSE-4	Mechanics II	10	6	60	2022			
	CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.28							Letter Grade in CGPA: O		t : Q
CGPA (Cun	SPA (Cumulative Grade Point Average) on the basis of All Courses : 8.87						COIA	•••		

Date of Publication of Result : 29.07.2022

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



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.		

回用的表示。

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

Percentage Conversion Formula: = (SGPA or CGPA×10) - 5.0

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



Name: BISWAJIT GHOSH Roll No. 190331000027

			Honours: PHYSICS							
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Result
No.	Co	Code	Course True	(G)	(V)	(G×V)		CCs & DSEs	All Courses	Code
	PHYSICS	CC-1	Mathematical Physics-I	5	6	30	2019			
	rnisics	CC-2	Mechanics	7	6	42	2019			
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2019	6.00	6.73	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2019			
	PHYSICS -	CC-3	Electricity and Magnetism	8	6	48	2020			
		CC-4	Waves and Optics	8	6	48	2020			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2020	8.00	8.20	Q
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2020			
		CC-5	Mathematical Physics-II	9	6	54	2020			
	PHYSICS	CC-6	Thermal Physics	9	6	54	2020			1
III		CC-7	Digital Systems and Applications	9	6	54	2020	9.00	8.77	Q
	MATHEMATICS	GE-3	Real Analysis	8	6	48	2020			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	9	2	18	2020			
		CC-8	Mathematical Physics-III	9	6	54	2021			
	PHYSICS	CC-9	Elements of Modern Physics	9	6	54	2021			
IV		CC-10	Analog Systems & Applications	9	6	54	2021	9.00	9.23	Q
	MATHEMATICS	GE-4	Algebra	10	6	60	2021			
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	9	2	18	2021			
	PHYSICS	CC-11	Quantum Mechanics and Applications	10	6	60	2021			
*7	FILISICS	CC-12	Solid State Physics	9	6	54	2021	9.50	9.50	Q
V	PHYSICS	DSE-1	Advanced Mathematical Physics	9	6	54	2021	7.50	7.50	
	THISICS	DSE-2	Classical Dynamics	10	6	60	2021			
	PHYSICS	CC-13	Electromagnetic Theory	9	6	54	2022			
X 7 X	FILISICS	CC-14	Statistical Mechanics	10	6	60	2022	1 0.25	0.25	
VI	PHYSICS	DSE-3	Nuclear and Particle Physics	9	6	54	2022	9.25 9.25		Q
	FILISICS	DSE-4	Astronomy and Astrophysics	9	6	54	2022			
			sis of CCs & DSEs : 8.72				Letter Grade in CGPA : A+		Result : Q	
CGPA (Cur		age) on the ba	sis of All Courses : 8.66				CGPA	: A+	resur	

Date of Publication of Result : 29.07.2022

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



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.

	9
	7
	5
	3
国系统经验经验 医神经检验	

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

Percentage Conversion Formula: = (SGPA or CGPA \times 10) - 5.0

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

Roll No. 190331000028



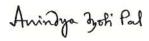
THE UNIVERSITY OF BURDWAN B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2022 UNDER CBCS GRADE CARD

Name: CHANCHARIKA CHANDRA

			Honours: ZOOLOGY							
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the	Resul
No.	Bubject	Code	Course True	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	ZOOLOGY	CC-1	Non-chordates I	8	6	48	2019			
	ZOOLOGI	CC-2	Ecology	7	6	42	2019			
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2019	7.50	7.55	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2019			
	ZOOLOGY	CC-3	Non-chordates II	8	6	48	2020			
	ZUULUG1	CC-4	Cell Biology	8	6	48	2020			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2020	8.00	8.00	Q
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2020			
	ZOOLOGY	CC-5	Chordates	8	6	48	2020			
		CC-6	Animal Physiology: Controlling and Coordinating Systems	9	6	54	2020	0.00		Q
III		CC-7	Fundamentals of Biochemistry	7	6	42	2020	8.00	8.00	
	BOTANY	GE-3	Plant Anatomy and Embryology	8	6	48	2020			
	ZOOLOGY	SEC-1	Apiculture	8	2	16	2020			
		CC-8	Comparative Anatomy of Vertebrates	9	6	54	2021			
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	9	6	54	2021			
IV		CC-10	Immunology	9	6	54	2021	9.00	9.00	Q
	BOTANY	GE-4	Plant Physiology and Metabolism	9	6	54	2021			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	9	2	18	2021			
	ZOOLOGY	CC-11	Molecular Biology	10	6	60	2021			
V	ZOOZOO I	CC-12	Genetics	9	6	54	2021	9.25	9.25	Q
V	V ZOOLOGY		Animal Biotechnology	9	6	54	2021	7.23	7.23	
	2002001	DSE-2	Parasitology	9	6	54	2021			
	ZOOLOGY	CC-13	Developmental Biology	9	6	54	2022			
VI		CC-14	Evolutionary Biology	8	6	48	2022	8.50	8.50	Q
V 1	ZOOLOGY	DSE-3	Animal Behaviour		6	48	2022	0.50	0.30	\ \ \
		DSE-4	Endocrinology	9	6	54	2022			
,		<u> </u>	sis of CCs & DSEs : 8.50 sis of All Courses : 8.41				Letter Gr CGPA		Resul	t : Q

Date of Publication of Result : 29.07.2022

$$SGPA\left(S\right) = \frac{\sum\limits_{i=1}^{n}(G_{i} \times V_{i})}{\sum\limits_{i=1}^{n}V_{i}} \qquad CGPA = \frac{\sum\limits_{i=1}^{N}(V_{i} \times S_{i})}{\sum\limits_{i=1}^{N}V_{i}}$$



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.

G	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%	*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: CHANDAN ROY Roll No. 190331000029

			Honours: CHEMISTRY	Y						
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	SGPA on the basis of		Result
No.	Subject	Code	Course Title	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	CHEMISTRY	CC-1	Organic Chemistry-I	5	6	30	2019			
	CHEMISTRI	CC-2	Physical Chemistry-I	5	6	30	2019			
I	MATHEMATICS	GE-1	Differential Calculus	5	6	30	2019	5.00	5.18	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2019			
	CHEMISTRY	CC-3	Inorganic Chemistry-I	7	6	42	2020			
	CHEMISTRI	CC-4	Organic Chemistry-II	7	6	42	2020			
II	MATHEMATICS	GE-2	Differential Equations	7	6	42	2020	7.00	7.10	Q
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2020			
		CC-5	Physical Chemistry-II	7	6	42	2020			
	CHEMISTRY	CC-6	Inorganic Chemistry-II	6 6	6	36	2020			
III		CC-7	Organic Chemistry-III	6	6	36	2020	6.33	6.62	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	8	6	48	2020			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	5	2	10	2020			
		CC-8	Physical Chemistry-III	8	6	48	2021			
	CHEMISTRY	CC-9 Inorganic Chemistry-III 8 6 48		2021						
IV		CC-10	Organic Chemistry - IV	8	6	48	2021	8.00	8.00	Q
	PHYSICS	GE-4	Waves and Optics	8	6	48	2021			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	8	2	16	2021			
	CHEMISTRY	CC-11	Inorganic Chemistry-IV	7	6	42	2021			
* 7	CHEMISTRI	CC-12	Organic Chemistry-V	7	6	42	2021	7.75	7.75	Q
V	CHEMISTRY	DSE-1	Advanced Physical Chemistry	9	6	54	2021	1.13	1.13	l Q
	CHEMISTRY DSE-2		Analytical Methods in Chemistry	8	6	48	2021			
	CHEMISTRY	CC-13	Inorganic Chemistry-V	8	6	48	2022			
371	CHEWIGIKI	CC-14	Physical Chemistry-IV	8	6	48	2022	8.25	8.25	
VI CHEMISTRY		DSE-3	Green Chemistry	8	6	48	2022	0.23	8.25	Q
	CHEWIGIKI	DSE-4	Dissertation Followed by Power Point Presentation	9	6	54	2022			
· ·		<u> </u>	sis of CCs & DSEs : 7.28 sis of All Courses : 7.18				Letter G		Resul	t : Q
COLTA (CUI	natative Grade I offit Aver	age) on the ba	on or the courses . The							

Date of Publication of Result : 29.07.2022

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



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.

	9
	7
	5
	3

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



Name: DEBIKA HALDER Roll No. 190331000030

			Honours: BOTANY							
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Result
No.	Subject	Code	Course ride	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	BOTANY	CC-1	Microbiology and Phycology	6	6	36	2019			
	BOTANT	CC-2	Archegoniatae	8	6	48	2019			
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2019	7.00	7.00 7.09	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2019			
	BOTANY	CC-3	Mycology and Phytopathology	9	6	54	2020			
	BUIANI	CC-4	Morphology and Anatomy of Angiosperms	9	6	54	2020			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2020	9.00	8.70	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2020			
		CC-5	Plant Ecology and Phytogeography	10	6	60	0 2020			
	BOTANY	CC-6	Plant Systematics	9	6	54	2020			Q
III		CC-7	Economic Botany	9	6	54	2020	9.33	9.00	
	ZOOLOGY	GE-3	Physiology and Biochemistry	8	6	48	2020			
	BOTANY	SEC-1	Agricultural Botany	9	2	18	2020			
		CC-8	Palaeobotany & Palynology	10	6	60	2021			
	BOTANY	CC-9	Biomolecules and Cell Biology	10	6	60	2021			
IV		CC-10	Molecular Biology	10	6	60	2021	10.00	9.69	Q
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	9	6	54	2021			
	BOTANY	SEC-2	Biofertilizers	9	2	18	2021			
	BOTANY	CC-11	Plant Physiology	9	6	54	2021			
	BUIANI	CC-12	Plant Metabolism	10	6	60	2021	9.75	9.75	
V	DOTANIV	DSE-1	Reproductive Biology of Angiosperms	10	6	60	2021	9.73	9.73	Q
	BOTANY DSE-		Natural Resource Management	10	6	60	2021			
	BOTANY	CC-13	Genetics & Plant Breeding	9	6	54	2022)22		
	BUIANI	CC-14	Plant Biotechnology	9	6	54	2022	0.00	0.00	
VI	DOTANY	DSE-3	Plant Evolution & Biodiversity	9	6	54	2022	9.00	9.00	Q
BOTANY DSE-4		DSE-4	industrial and Environmental Microbiology 9 6 54				2022			
			sis of CCs & DSEs : 9.17 sis of All Courses : 8.92				Letter Grade in CGPA : O		Resul	t : Q
COLA (CUI	nulative Grade I offit Aver	uge) on the ba	515 OI 7111 COUISCS . U•72							

Date of Publication of Result : 29.07.2022

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



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

Percentage Conversion Formula: = (SGPA or CGPA \times 10) - 5.0

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



Name: DEBNATH ROY Roll No. 190331000031

			Honours: BOTANY							
Semester	Subject	Course			Credit Value	Grade Point	Credit Retained	bas	on the	Result
No.	Subject	Code			(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	BOTANY	CC-1	Microbiology and Phycology	6	6	36	2019			
BUIANY		CC-2	Archegoniatae	6	42	2019				
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2019	6.50	6.73	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2019			
	DOTANY	CC-3	Mycology and Phytopathology	8	6	48	2020			
	BOTANY		Morphology and Anatomy of Angiosperms	8	6	48	2020			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2020	8.00	8.00	Q
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2020			
	BOTANY	CC-5	Plant Ecology and Phytogeography	9	6	54	2020			
		CC-6	Plant Systematics	7	6	42	2020			
III		CC-7	Economic Botany	6	48	2020	8.00	7.85	Q	
	ZOOLOGY	GE-3	Physiology and Biochemistry	8	6	48	2020			
	BOTANY	SEC-1	Agricultural Botany	6	2	12	2020			
		CC-8	Palaeobotany & Palynology	9	6	54	2021			
	BOTANY	CC-9	Biomolecules and Cell Biology	8	6	48	2021			
IV		CC-10	Molecular Biology	9	6	54	2021	8.67	8.46	Q
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2021			
	BOTANY	SEC-2	Biofertilizers	8	2	16	2021			
	BOTANY	CC-11	Plant Physiology	7	6	42	2021			
	BUIANI	CC-12	Plant Metabolism	7	6	42	2021	7.75	7.75	
V	BOTANY	DSE-1	Reproductive Biology of Angiosperms	8	6	48	2021	1.73	1.13	Q
	BUIANI	DSE-2	Natural Resource Management	9	6	54	2021			
	BOTANY	CC-13	Genetics & Plant Breeding	9	6	54	2022			
	BUIANI	CC-14	Plant Biotechnology	8	6	48	2022	0.25	0.25	
VI	DOTANY	DSE-3	Plant Evolution & Biodiversity	8	6	48	2022	8.25	8.25	Q
	BOTANY	DSE-4	Industrial and Environmental Microbiology	8	6	48	2022			
	CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs: 7.94 CGPA (Cumulative Grade Point Average) on the basis of All Courses: 7.86							Letter Grade in CGPA : A		
COFA (Cui	nulative Grade Foult Aver	age) on the ba	313 OF AIT COURSES . 7.00							

Date of Publication of Result : 29.07.2022
$$SGPA(S) = \frac{\sum_{i=1}^{n} (G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum_{i=1}^{N} (V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$



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.

	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 Awarded (NA)	



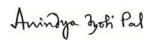
Name: DIBYENDU BHATTACHARYYA

Roll No. 190331000033

			Honours: PHYSIOL	OGY						
Semester	Subject	Course	Course Title	Grade (G)	Credit Value	Grade Point	Credit Retained	SGPA on the basis of		Result
No.	Cod				(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	8	6	48	2019			
	TITISIOLOGI	CC-2	Biological Physics and Enzymes	8	6	48	2019			
I	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	6	6	36	2019	8.00	7.09	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies		4	24	2019			
	BUAZIOI OGA	CC-3	Physiology of Nerve and Muscle Cells	9	6	54	2020			
PHYSIOLOGY		CC-4	Chemistry of Biomolecules	9	6	54	2020			
II	BOTANY	GE-2	Plant Ecology and Taxonomy	8	6	48	2020	9.00	8.60	Q
	Communicative English/MIL	AECC-2	Bengali							
		CC-5	Circulating Body Fluids	10	6	60	2020			
	PHYSIOLOGY CC-6		Circulation	10	6	60	2020			
III		CC-7	Functions of The Nervous System	9	6	54	2020	9.67	9.31	Q
		GE-3	Physiology and Biochemistry 8 6 44		48	2020				
	PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	10	2	20	2020			
		CC-8	Energy Balance, Metabolism and Nutrition	10	6	60	2021			
	PHYSIOLOGY	CC-9	Gastrointestinal Function	10	6	60	2021			
IV		CC-10	Respiration	10	6	60	2021	10.00	9.77	Q
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	9	6	54	2021			
	PHYSIOLOGY	SEC-2	Hematological Techniques	10	2	20	2021			
	DITACIOI OCA	CC-11	Special Senses	9	6	54	2021			
	PHYSIOLOGY	CC-12	Endocrinology	9	6	54	2021	0.50	0.50	
V	DITACIOI OCA	DSE-1	Biological Statistics	10	6	60	2021	9.50	9.50	Q
	PHYSIOLOGY	DSE-2	Sports and Exercise Physiology	10	6	60	2021			
	DITACIOI OCA	CC-13	Reproduction	9	6	54	2022			
	PHYSIOLOGY	CC-14	Formation and Excretion of Urine	10	6	60	2022	0.75	0.75	
VI	DILVETOL OCY	DSE-3	Human Nutrition and Dietetics	10	6	60	2022	9.75	9.75	Q
	PHYSIOLOGY	DSE-4	Toxicology	10	6	60	2022			
			sis of CCs & DSEs : 9.44 sis of All Courses : 9.06	•			Letter Gi CGPA		Result : Q	

Date of Publication of Result : 29.07.2022

$$SGPA\left(S\right) = \frac{\sum\limits_{i=1}^{n}(G_{i}\times V_{i})}{\sum\limits_{i=1}^{n}V_{i}} \qquad CGPA = \frac{\sum\limits_{i=1}^{N}(V_{i}\times S_{i})}{\sum\limits_{i=1}^{N}V_{i}}$$



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 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 : DIP KUNDU Roll No. 190331000034

			Honours: PHYSICS								
Semester	Subject	Course	Course Title	Grade (G)	Credit Value	Grade Point	Credit Retained	ba	on the	Result	
No.	Subject	Code	Course Title		(V)	(G×V)	Year	CCs & DSEs	All Courses	Code	
	PHYSICS	CC-1	Mathematical Physics-I	6	6	36	2019				
	CC-2		Mechanics	5	6	30	2019				
I	MATHEMATICS	GE-1	Differential Calculus	6	6	36	2019	5.50	5.73	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2019				
	DUVCICC	CC-3	Electricity and Magnetism	8	6	48	2020				
	PHYSICS CC-4		Waves and Optics	8	6	48	2020				
II	MATHEMATICS	GE-2	Differential Equations	8	6	48	2020	8.00	8.00	Q	
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2020				
		CC-5	Mathematical Physics-II	9	6	54	2020				
	PHYSICS	CC-6	Thermal Physics		6	54	2020				
III		CC-7	Digital Systems and Applications 9 6 54				2020	9.00	9.00	Q	
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry		9 6 54	2020					
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	9	2	18	2020				
		CC-8	Mathematical Physics-III	9	6	54	2021				
	PHYSICS	CC-9	Elements of Modern Physics	9	6	54	2021				
		CC-10	Analog Systems & Applications	9	6	54	2021				
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2021	9.00	9.00	Q	
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	9	2	18	2021				
	PHYSICS	CC-11	Quantum Mechanics and Applications	10	6	60	2021				
	PHISICS	CC-12	Solid State Physics	9	6	54	2021	9.75	9.75	Q	
V	PHYSICS	DSE-1	Advanced Mathematical Physics	10	6	60	2021	9.73	9.73	l (
	PHISICS	DSE-2	Classical Dynamics	10	6	60	2021				
	DIIVCICC	CC-13	Electromagnetic Theory	9	6	54	2022				
***	PHYSICS	CC-14	Statistical Mechanics	9	6	54	2022	9.00	9.00		
VI	DUVCICC	DSE-3	Nuclear and Particle Physics	9	6	54	2022	9.00	9.00	Q	
	PHYSICS	DSE-4	Astronomy and Astrophysics	9	6	54	2022				
			sis of CCs & DSEs : 8.67 sis of All Courses : 8.48				Letter Gr CGPA		Resul	t : Q	

Date of Publication of Result : 29.07.2022

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



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)	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
a se se se	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 : DITTU KUNDU Roll No. 190331000035

			Honours: BOTANY							
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	ba	on the	Result
No.	•	Code		(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	BOTANY	CC-1	Microbiology and Phycology	6	6	36	2019			
	BUIANY	CC-2	Archegoniatae	7	6	42	2019			
I	ZOOLOGY	GE-1	Animal Diversity	8	6	48	2019	6.50	7.00	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2019			
	DOTANY	CC-3	Mycology and Phytopathology	9	6	54	2020			
	BOTANY	CC-4	Morphology and Anatomy of Angiosperms	9	6	54	2020		8.70	
II	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2020	9.00		Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2020			
III		CC-5	Plant Ecology and Phytogeography	8	6	48	2020			
	BOTANY	CC-6	Plant Systematics	7	6	42	2020			
		CC-7	Economic Botany	8	6	48	2020	7.67	7.62	Q
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	8	6	48	2020			
	BOTANY	SEC-1	Agricultural Botany	6	2	12	2020			
		CC-8	Palaeobotany & Palynology	9	6	54	2021			
		CC-9	Biomolecules and Cell Biology	9	6	54	2021	7		
IV		CC-10	Molecular Biology	9	6	54	2021	9.00	8.77	Q
1 V	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	8	6	48	2021	7.00	0.77	
	BOTANY	SEC-2	Biofertilizers	9	2	18	2021			
	BOTANY	CC-11	Plant Physiology	8	6	48	2021			
	BUIANI	CC-12	Plant Metabolism	7	6	42	2021	7.75	7.75	Q
V	BOTANY	DSE-1	Reproductive Biology of Angiosperms	8	6	48	2021	1.73	1.13	(
	BUTANT	DSE-2	Natural Resource Management	8	6	48	2021			
	BOTANY	CC-13	Genetics & Plant Breeding	9	6	54	2022			
377	DOTAINT	CC-14	Plant Biotechnology	8	6	48	2022] 0.25	8.25	
VI	BOTANY	DSE-3	Plant Evolution & Biodiversity	8	6	48	2022	8.25	8.23	Q
	DUIANI	DSE-4	Industrial and Environmental Microbiology	8	6	48	2022			
		<u> </u>	sis of CCs & DSEs : 8.06 sis of All Courses : 8.01				Letter G		Resul	t : Q

Date of Publication of Result: 29.07.2022

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



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	7 to below 9 A (Very Cood) Pelow 4 F (Feil) CCs and I		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 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 : FARDDIN ALI KHAN Roll No. 190331000036

			Honours: CHEMISTR	Y							
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Result	
No.	Subject	Code	Course True	(G)	(V)	(G×V)		CCs & DSEs	All Courses	Code	
	CHEMISTRY	CC-1	Organic Chemistry-I	8	6	48	2019				
	CHEWISTKI	CC-2	Physical Chemistry-I	5	6	30	2019				
I	I MATHEMATICS	GE-1	Differential Calculus	9	6	54	2019	6.50	7.45	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2019				
	CHEMISTRY	CC-3	Inorganic Chemistry-I	8	6	48	2020				
	CHEWISTRY	CC-4	Organic Chemistry-II	8	6	48	2020				
II	MATHEMATICS	GE-2	Differential Equations	9	6	54	2020	8.00	8.40	Q	
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2020				
	CC	CC-5	Physical Chemistry-II	9	6	54	2020				
	CHEMISTRY	CC-6	Inorganic Chemistry-II	8	6	48	2020				
III		CC-7	Organic Chemistry-III	9	6	54	2020	8.67	8.77	Q	
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	9	6	54	2020				
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	9	2	18	2020				
		CC-8	Physical Chemistry-III	10	6	60	2021				
	CHEMISTRY	CC-9	Inorganic Chemistry-III	9	6	54	2021	1			
IV		CC-10	Organic Chemistry - IV	10	6	60	2021	9.67	9.54	Q	
	PHYSICS	GE-4	Waves and Optics	9	6	54	2021				
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	10	2	20	2021				
	CHEMISTRY	CC-11	Inorganic Chemistry-IV	10	6	60	2021				
	CHEMISTRY	CC-12	Organic Chemistry-V	9	6	54	2021	9.50	9.50		
V	CHEMISTRY	DSE-1	Advanced Physical Chemistry	10	6	60	2021	9.30	9.30	Q	
	CHEMISTRY	DSE-2	Analytical Methods in Chemistry	9	6	54	2021				
	CHEMISTRY	CC-13	Inorganic Chemistry-V	9	6	54	2022				
***	CHEMISTRY	CC-14	Physical Chemistry-IV	10	6	60	2022	0.75	0.75		
VI	VI	DSE-3	Green Chemistry	10	6	60	2022	9.75	9.75	Q	
	CHEMISTRY	DSE-4	Dissertation Followed by Power Point Presentation	10	6	60	2022				
	CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.94 CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.94						Letter Grade in CGPA : A+		Resul	Result : Q	

Date of Publication of Result : 29.07.2022

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



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.

١	回答例如其他的解例可可能

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



Name: GOSTHO GOPAL JAMADAR

Roll No. 190331000037

Semester No.	Subject	Course			1						
No.	Subject	Subject Course		Grade Valu	Credit Value		Credit Retained	SGPA on the basis of		Result	
	CHEMISTRY CC-1 Organic Chemistry-I	Code	Course True	(G)	(V)	(G×V)		CCs & DSEs	All Courses	Code	
0	CHEMICTRY	CC-1	Organic Chemistry-I	7	6	42	2019				
	CHEMISTRI	CC-2	Physical Chemistry-I	5	6	30	2019			1	
I N	MATHEMATICS	GE-1	Differential Calculus	6	6	36	2019	6.00	6.18	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2019				
	CHEMISTRY	CC-3	Inorganic Chemistry-I	8	6	48	2020				
	JIEWIISTK I	CC-4	Organic Chemistry-II	8	6	48	2020				
II N	MATHEMATICS	GE-2	Differential Equations	8	6	48	2020	8.00	8.00	Q	
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2020				
		CC-5	Physical Chemistry-II	8	6	48	2020				
C	CHEMISTRY	CC-6	Inorganic Chemistry-II	7	6	42	2020				
III		CC-7	Organic Chemistry-III	9	6	54	2020	8.00	8.15	Q	
P	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	9	6	54	2020				
C	CHEMISTRY	SEC-1	Basic Analytical Chemistry	7	2	14	2020				
		CC-8	Physical Chemistry-III	9	6	54	2021			Q	
C	CHEMISTRY	CC-9	Inorganic Chemistry-III	9	6	54	2021				
IV		CC-10	Organic Chemistry - IV	9	6	54	2021	9.00	9.00		
P	PHYSICS	GE-4	Waves and Optics	9	6	54	2021				
C	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	9	2	18	2021				
	CHEMISTRY	CC-11	Inorganic Chemistry-IV	9	6	54	2021				
-	CHEMISTK I	CC-12	Organic Chemistry-V	9	6	54	2021	9.25	9.25		
V	CHEMISTRY	DSE-1	Advanced Physical Chemistry	10	6	60	2021	9.23	9.23	Q	
	CHEMISTKI	DSE-2	Analytical Methods in Chemistry	9	6	54	2021				
	CHEMISTRY	CC-13	Inorganic Chemistry-V	8	6	48	2022				
	THE CHIVETE	CC-14	Physical Chemistry-IV	9	6	54	2022	9.00	9.00		
VI	CIVE MCEDY	DSE-3	Green Chemistry	10	6	60	2022	9.00	9.00	Q	
	CHEMISTRY DSE		Dissertation Followed by Power Point Presentation	9	6	54	2022				
,		<u> </u>	sis of CCs & DSEs: 8.44 sis of All Courses: 8.31				Letter Gi CGPA		Resul	t : Q	

Date of Publication of Result: 29.07.2022

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



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



Name : HASNA ZEBA Roll No. 190331000038

			Honours: BOTANY							
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	ba	on the	Result
No.		Code		(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	BOTANY	CC-1	Microbiology and Phycology	6	6	36	2019			
	DOMANI	CC-2	Archegoniatae	8	6	48	2019			
I	ZOOLOGY	GE-1	Animal Diversity	6	6	36	2019	7.00	6.55	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2019			
	DOTANY	CC-3	Mycology and Phytopathology	9	6	54	2020			
	BOTANY	CC-4	Morphology and Anatomy of Angiosperms	9	6	54	2020	9.00	8.70	
II	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2020			Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2020			
III		CC-5	Plant Ecology and Phytogeography	10	6	60	2020			
	BOTANY	CC-6	Plant Systematics	9	6	54	2020			
		CC-7	Economic Botany	8	6	48	2020	9.00	9.23	Q
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	10	6	60	2020			
	BOTANY	SEC-1	Agricultural Botany	9	2	18	2020			
	BOTANY CC-	CC-8	Palaeobotany & Palynology	10	6	60	2021			
		CC-9	Biomolecules and Cell Biology	9	6	54	2021			
IV		CC-10	Molecular Biology	10	6	60	2021	9.67	9.77	Q
1 V	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	10	6	60	2021	7.07	, , , , , , , , , , , , , , , , , , ,	
	BOTANY	SEC-2	Biofertilizers	10	2	20	2021			
	BOTANY	CC-11	Plant Physiology	8	6	48	2021			
••	BUIANI	CC-12	Plant Metabolism	9	6	54	2021	9.25	9.25	Q
V	BOTANY	DSE-1	Reproductive Biology of Angiosperms	10	6	60	2021	9.23	9.23	(
	BUTANT	DSE-2	Natural Resource Management	10	6	60	2021			
	BOTANY	CC-13	Genetics & Plant Breeding	9	6	54	2022			
3.77	DOTAINT	CC-14	Plant Biotechnology	8	6	48	2022	8.50	8.50	
VI	DSE	DSE-3	Plant Evolution & Biodiversity	9	6	54	2022	0.50	0.50	Q
	BOTANY DSE-4		Industrial and Environmental Microbiology	8	6	48	2022			
,		<u> </u>	sis of CCs & DSEs : 8.83 sis of All Courses : 8.72				Letter G		Resul	t : Q

Date of Publication of Result: 29.07.2022

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



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.

Gr			
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 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)	



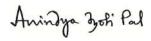
Name: HRISIKESH BHATTACHARYA

Roll No. 190331000039

Honours: MATHEMATICS										
Semester	Subject	Course	Course Title		Credit Value	Grade Point	Credit Retained	SGPA on the basis 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		8.73	Q
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2019	10.00		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	6 4		2019			
	MATHEMATICS	CC-3	Real Analysis	6	6	36	2020			Q
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	6	6	36	2020			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2020	6.00	6.40	
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2020			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces 10 6 60 2020 Group Theory I 10 6 60 2020							
	MATHEMATICS	CC-6			6	60	2020	10.00 9.77	9.77	Q
III	III	CC-7	Numerical Methods	6	60	2020				
	PHYSICS GE-3		Thermal Physics and Statistical Mechanics	9	6	54	2020			
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2020			
	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	10	6	60	2021			
MA		CC-9	Multivariate Calculus 10 6 60 2021 Ring Theory and Linear Algebra I 10 6 60 2021 10.00		6	60	2021			1
IV		CC-10			10.00	9.77	Q			
	PHYSICS	GE-4	Waves and Optics	9	6	54	2021	2021		
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2021			
	MATHEMATICS V MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2021			
3.7		CC-12	Mechanics I Linear Programming Probability & Statistics		6	60	2021	10.00	10.00	Q
V		DSE-1			6	60	2021	10.00		
	MATHEMATICS	DSE-2			6	60	2021			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis		6	54	2022			
VI	WITTILWATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2022	9.75 9.75	9.75	Q
	MATHEMATICS	DSE-3	Project Work		6	60	2022		9./3	
MATHEMATICS		DSE-4	Mechanics II 10 6 60			60	2022			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.50							Letter Grade in CGPA : O		Result : Q	
COPA (CUI	CGPA (Cumulative Grade Point Average) on the basis of All Courses : 9.17									

Date of Publication of Result : 29.07.2022

$$SGPA\left(S\right) = \frac{\sum\limits_{i=1}^{n}(G_{i} \times V_{i})}{\sum\limits_{i=1}^{n}V_{i}} \qquad CGPA = \frac{\sum\limits_{i=1}^{N}(V_{i} \times S_{i})}{\sum\limits_{i=1}^{N}V_{i}}$$



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	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
50% and above but below 60%	6	40% and above but below 50%	of CCs and DSEs
35% and above but below 40%	4	Below 35% Not Awarded (NA	

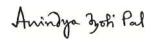


Name: INDRANIL DAS Roll No. 190331000040

	Honours: PHYSIOLOGY												
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	SGPA on the basis of		Result			
No.	Subject	Code	Course Title	(G)	(V)	1440	T 7	CCs & DSEs	All Courses	Code			
	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	6	6	36	2019						
	rn i siolog i	CC-2	Biological Physics and Enzymes	7	6	42	2019						
I	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	5	6	30	2019	6.50	6.00	Q			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2019						
	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	8	6	48	2020						
	rn i siolog i	CC-4	Chemistry of Biomolecules	8	6	48	2020		i				
II	BOTANY	GE-2	Plant Ecology and Taxonomy	8	6	48	2020	8.00	8.00	Q			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2020						
	PHYSIOLOGY	CC-5	Circulating Body Fluids	10	6	60	2020	8.67					
		CC-6	Circulation	8	6	48	2020			1			
III		CC-7	Functions of The Nervous System	8	6	48	2020		8.54	Q			
	ZOOLOGY	GE-3	Physiology and Biochemistry	8	6	48	2020						
	PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	9	2	18	2020						
		CC-8	Energy Balance, Metabolism and Nutrition	9	6	54	2021						
	PHYSIOLOGY	CC-9	Gastrointestinal Function	9	6	54	2021						
IV		CC-10	Respiration	9	6	54	2021	9.00	9.08	Q			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	9	6	54	2021						
	PHYSIOLOGY	SEC-2	Hematological Techniques	10	2	20	2021						
	PHYSIOLOGY	CC-11	Special Senses	9	6	54	2021						
	PHISIOLOGI	CC-12	Endocrinology	9	6	54	2021	9.00	9.00				
V	PHYSIOLOGY	DSE-1	Biological Statistics	9	6	54	2021	9.00	9.00	Q			
	PHISIOLOGI	DSE-2	Sports and Exercise Physiology	9	6	54	2021						
	PHYSIOLOGY	CC-13	Reproduction	9	6	54	2022						
X / Y	rn i SiOLOG i	CC-14	Formation and Excretion of Urine	9	6	54	2022	9.00	9.00				
VI	DUVSIOI OCV	DSE-3	Human Nutrition and Dietetics	9	6	54	2022	9.00	9.00	Q			
	PHYSIOLOGY	DSE-4	Toxicology	9	6	54	2022						
	CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs: 8.56							rade in : A+	Resul	t : Q			
CGPA (Cur	GPA (Cumulative Grade Point Average) on the basis of All Courses : 8.32							: A+	210541	~			

Date of Publication of Result : 29.07.2022

$$SGPA\left(S\right) = \frac{\sum\limits_{i=1}^{n}(G_{i} \times V_{i})}{\sum\limits_{i=1}^{n}V_{i}} \qquad CGPA = \frac{\sum\limits_{i=1}^{N}(V_{i} \times S_{i})}{\sum\limits_{i=1}^{N}V_{i}}$$



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	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.	

是一个一个一个
自然是是这种的

	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%	Not Awarded (NA)	



Name: JIT ACHARYA Roll No. 190331000041

\(\frac{1}{2}\) \(\frac{1}{2	& All	Result Code		
MATHEMATICS CC-1 Calculus, Geometry & Differential Equations 5 6 30 2019	S Courses	Code		
I	5.18			
CC-2 Algebra 4 6 24 2019 4.50	5.18			
ENVIRONMENTAL AECC-1 Fundamentals of Environmental Studies 6 4 24 2019	5.18			
MATHEMATICS CC-3 Real Analysis 7 6 42 2020		Q		
II				
II				
AECC-2 Bengali Theory of Real Functions & Introduction to Metric Theory of Real Functions Theory of Real Fu				
English/MIL AECC-2 Bengali 7 2 14 2020	7.30	Q		
MATHEMATICS CC-5 Spaces 10 6 60 2020				
III CC-6 Group Theory I 10 6 60 2020 10.00				
CC-7 Numerical Methods 10 6 60 2020				
MATHEMATICS SEC-1 Logic and Sets 10 2 20 2020 CC-8 Riemann Integration and Series of Functions 10 6 60 2021	9.77	Q		
CC-8 Riemann Integration and Series of Functions 10 6 60 2021				
MATHEMATICS CC 0 Multivarieta Calaulus 10 6 60 2021				
MATHEMATICS CC-9 Mullitvariate Calculus 10 6 60 2021				
CC-10 Ring Theory and Linear Algebra I 10 6 60 2021				
IV CHEMISTRY GE-4 Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry 10.00 2021	10.00	Q		
MATHEMATICS SEC-2 Graph Theory 10 2 20 2021				
CC-11 Partial Differential Equations and Applications 10 6 60 2021				
MATHEMATICS CC-12 Mechanics I 10 6 60 2021 10 00	10.00	0		
V DSE-1 Linear Programming 10 6 60 2021 10.00	10.00	Q		
MATHEMATICS DSE-2 Probability & Statistics 10 6 60 2021				
CC-13 Metric Spaces and Complex Analysis 10 6 60 2022				
MATHEMATICS CC-14 Ring Theory and Linear Algebra II 10 6 60 2022	10.00	0		
VI DSE-3 Project Work 10 6 60 2022	10.00	Q		
MATHEMATICS DSE-4 Mechanics II 10 6 60 2022				
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.06 CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.83 Letter Grade in CGPA : O	Result	Result : Q		

Date of Publication of Result : 29.07.2022
$$SGPA(S) = \frac{\sum_{i=1}^{n} (G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum_{i=1}^{N} (V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$



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

Percentage Conversion Formula:

= (SGPA or CGPA \times 10) - 5.0

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



Name: KALLOL LOHAR Roll No. 190331000042

			Honours: BOTANY								
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	ba	on the	Result	
No.	Bubject	Code	Course Time	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code	
	BOTANY	CC-1	Microbiology and Phycology	5	6	30	2019				
	DOTANT	CC-2	Archegoniatae	6	6	36	2019				
I	ZOOLOGY	GE-1	Animal Diversity	7	6	42	2019	5.50	6.18	Q	
	ENVIRONMENTAL STUDIES	AECC-1	undamentals of Environmental Studies		4	28	2019				
	BOTANY	CC-3	Mycology and Phytopathology	7	6	42	2020				
	DOTANT	CC-4	Morphology and Anatomy of Angiosperms	8	6	48	2020				
II	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2020	7.50	7.70	Q	
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2020				
	BOTANY	CC-5	Plant Ecology and Phytogeography	8	6	48	2020				
		CC-6	Plant Systematics	7	6	42	2020				
III		CC-7	Economic Botany	7	6	42	2020	7.33	7.38	Q	
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	8	6	48	2020				
	BOTANY	SEC-1	Agricultural Botany	6	2	12	2020				
	BOTANY	CC-8	Palaeobotany & Palynology	9	6	54	2021		8.00		
		CC-9	Biomolecules and Cell Biology	7	6	42	2021				
IV		CC-10	Molecular Biology	8	6	48	2021	8.00		Q	
11	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	8	6	48	2021	0.00	0.00		
	BOTANY	SEC-2	Biofertilizers	8	2	16	2021				
	BOTANY	CC-11	Plant Physiology	8	6	48	2021				
	BUIANI	CC-12	Plant Metabolism	7	6	42	2021	7.75	7.75	Q	
V	BOTANY	DSE-1	Reproductive Biology of Angiosperms	8	6	48	2021	1.13	1.13	(
	BUIANI	DSE-2	Natural Resource Management	8	6	48	2021				
	DOTANY	CC-13	Genetics & Plant Breeding	8	6	48	2022				
	BOTANY	CC-14	Plant Biotechnology	7	6	42	2022	7.50	7.50		
VI	BOTANY	DSE-3	Plant Evolution & Biodiversity	8	6	48	2022	7.50	7.30	Q	
	DUTANT	DSE-4	Industrial and Environmental Microbiology	7	6	42	2022				
	CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs: 7.39 CGPA (Cumulative Grade Point Average) on the basis of All Courses: 7.44							rade in	Resul	t : Q	
CGPA (Cur	nulative Grade Point Aver	age) on the ba	sis of All Courses : 7.44				CGPA	: A	Kesui	ι:Ų	

Date of Publication of Result : 29.07.2022

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



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	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 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: KRIPALI MONDAL Roll No. 190331000043

			Honours: ZOOLOGY								
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Result	
No.	Subject	Code	Course True	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code	
	ZOOLOGY	CC-1	Non-chordates I	7	6	42	2019				
	ZOOLOGT	CC-2	Ecology	7	6	42	2019				
I	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	7	6	42	2019	7.00	7.00	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2019				
	ZOOLOGY	CC-3	Non-chordates II	8	6	48	2020				
	ZOOLOGI	CC-4	Cell Biology	8	6	48	2020				
II	BOTANY	GE-2	Plant Ecology and Taxonomy	9	6	54	2020	8.00	8.40	Q	
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2020				
	ZOOLOGY	CC-5	Chordates	9	6	54	2020				
		CC-6	Animal Physiology: Controlling and Coordinating Systems	9	6	54	2020				
III		CC-7	Fundamentals of Biochemistry	6	6	36	2020	8.00	8.15	Q	
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	9	6	54	2020				
	ZOOLOGY	SEC-1	Apiculture	7	2	14	2020				
	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	9	6	54	2021				
		CC-9	Animal Physiology: Life Sustaining Systems	9	6	54	2021			1	
IV		CC-10	Immunology	9	6	54	2021	9.00	8.92	Q	
	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	9	6	54	2021				
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	8	2	16	2021				
	ZOOLOGY	CC-11	Molecular Biology	10	6	60	2021				
v	ZOOLOGT	CC-12	Genetics	9	6	54	2021	9.25	9.25	Q	
V	ZOOLOGY	DSE-1	Animal Biotechnology	9	6	54	2021	7.23	7.23		
	ZOOLOGI	DSE-2	Parasitology	9	6	54	2021				
	ZOOLOGY	CC-13	Developmental Biology	10	6	60	2022				
VI	ZOOLOG1	CC-14	Evolutionary Biology	9	6	54	2022	9.25	9.25	Q	
V1	ZOOLOGY	DSE-3	Animal Behaviour	8	6	48	2022	7.23	7.23	~	
	ZOOLOG I	DSE-4	Endocrinology	10	6	60	2022				
	CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.61								Resul	t : Q	
COFA (Cui	CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.52										

Date of Publication of Result : 29.07.2022

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



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		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.

回路线出级系统的线 线回	
	Ī

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

Percentage Conversion Formula:

= (SGPA or CGPA \times 10) - 5.0

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

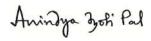


Name: KRISHNA GARAIN Roll No. 190331000044

			Honours: MATHEMATI	CS						
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the	Resul
No.	Subject	Code	Course True	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2019			
	MATHEMATICS	CC-2	Algebra	4	6	24	2019			
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2019	4.50	6.18	Q
ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2019				
MATHEMATICS		CC-3	Real Analysis	8	6	48	2020			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	7	6	42	2020			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2020	7.50	7.80	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2020			
	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	10	6	60	2020			
		CC-6	Group Theory I	10 6 60 2020				0		
III		CC-7	Numerical Methods	10	6	60	2020	10.00	9.77	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	9	6	54	2020			
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2020			
		CC-8	Riemann Integration and Series of Functions	10	6	60	2021			
	MATHEMATICS	CC-9 Multivariate Calculus		10	6	60	2021			
IV		CC-10	Ring Theory and Linear Algebra I	10	6	60	2021	10.00	10.00	Q
	PHYSICS	GE-4	Waves and Optics	10	6	60	2021			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2021			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2021			
V		CC-12	Mechanics I	10	6	60	2021	10.00	10.00	Q
•	MATHEMATICS	DSE-1	Linear Programming	10	6	60	2021	10.00	10.00	_ ~
		DSE-2	Probability & Statistics	10	6	60	2021			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2022			
VI		CC-14	Ring Theory and Linear Algebra II	10	6	60	2022	10.00	10.00	Q
*1	MATHEMATICS	DSE-3	Project Work	10 6 60 2022				`		
DSE-4 Mechanics II 10 6 60							2022			
•		<u> </u>	sis of CCs & DSEs : 9.11 sis of All Courses : 9.06				Letter Gi CGPA		Resul	t : Q

Date of Publication of Result : 29.07.2022

$$SGPA\left(S\right) = \frac{\sum\limits_{i=1}^{n}(G_{i} \times V_{i})}{\sum\limits_{i=1}^{n}V_{i}} \qquad CGPA = \frac{\sum\limits_{i=1}^{N}(V_{i} \times S_{i})}{\sum\limits_{i=1}^{N}V_{i}}$$



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 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			
E. 10.	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 (N.	A)				

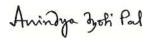


Name: KRISHNA GOPAL MONDAL Roll No. 190331000045

			Honours: MATHEMATI	CS							
Semester	Subject	Course	Course Title	Grade (G)	Credit Value	Grade Point	Credit Retained	bas	on the	Result	
No.	Subject	Code	Course Title		(V)	(G×V)	Year	CCs & DSEs	All Courses	Code	
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	6	6	36	2019				
	MATHEMATICS	CC-2	Algebra	5	6	30	2019				
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	es, Redox Reactions, General Organic 8 6				5.50	6.27	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2019				
MATHEMATICS		CC-3	Real Analysis	8	6	48	2020				
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	8	6	48	2020		8.10	Q	
II CHEMISTRY	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2020	8.00			
	Communicative English/MIL AECC-2		Bengali	9	2	18	2020				
,	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	al Functions & Introduction to Metric 10 6		60	2020				
		CC-6	Group Theory I	10	6	60	2020	10.00	0.77		
III		CC-7	Numerical Methods	10	6	60	2020	10.00	9.77	Q	
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	9	6	54	2020				
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2020				
		CC-8	Riemann Integration and Series of Functions	10	6	60	2021				
	MATHEMATICS	CC-9	Multivariate Calculus	10	6	60	2021				
IV		CC-10	Ring Theory and Linear Algebra I	10	6	60	2021	10.00	10.00	Q	
	PHYSICS	GE-4	Waves and Optics	10	6	60	2021				
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2021				
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2021				
v	- In this in the s	CC-12	Mechanics I	10	6	60	2021	10.00	10.00	Q	
•	MATHEMATICS	DSE-1	Linear Programming	10	6	60	2021	10.00	10.00	_ ~	
		DSE-2	Probability & Statistics	10	6	60	2021				
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2022				
VI		CC-14	Ring Theory and Linear Algebra II	10 10	6	60	2022 10.00		10.00	Q	
V 1	MATHEMATICS	DSE-3	Project Work		6	60	2022	10.00	10.00	~	
DSE-4		DSE-4	Mechanics II 10 6 60				2022				
			sis of CCs & DSEs : 9.28 sis of All Courses : 9.11				Letter Gi CGPA		Resul	Result : Q	

Date of Publication of Result : 29.07.2022

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



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	
4.2	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
factor of the	50% and above but below 60%	6	40% and above but below 50% 5	of CCs and DSEs
□ \$ 4÷	35% and above but below 40%	4	Below 35% Not Awarded (NA)	



Name: KUNTAL BHALLA Roll No. 190331000046

			Honours: BOTANY								
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Result	
No.	Subject	Code	Course Title ((V)	(G×V)	Year	CCs & DSEs	All Courses	Code	
	BOTANY	CC-1	Microbiology and Phycology	7	6	42	2019				
	DOTAINT	CC-2	Archegoniatae	7	6	42	2019				
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2019	7.00	7.00	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies		4	28	2019				
	BOTANY	CC-3	Mycology and Phytopathology	9	6	54	2020				
	BOTANT	CC-4	Morphology and Anatomy of Angiosperms	9	6	54	2020				
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2020	9.00	8.50	Q	
Communicative English/MIL		AECC-2	Bengali	7 2 1		14	2020				
		CC-5	ant Ecology and Phytogeography 9 6		54	2020					
	BOTANY	CC-6	Plant Systematics	7	6	42	2020				
III		CC-7	Economic Botany	8	6	48	2020	8.00	7.77	Q	
	ZOOLOGY	GE-3	Physiology and Biochemistry	6	42	2020					
	BOTANY	SEC-1	Agricultural Botany	8	2	16	2020				
		CC-8	Palaeobotany & Palynology	9	6	54	2021				
	BOTANY	CC-9	Biomolecules and Cell Biology	8	6	48	2021				
IV		CC-10	Molecular Biology	9	6	54	2021	8.67	8.46	Q	
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2021				
	BOTANY	SEC-2	Biofertilizers	8	2	16	2021				
	BOTANY	CC-11	Plant Physiology	8	6	48	2021				
	BUIANI	CC-12	Plant Metabolism	8	6	48	2021	8.00	8.00		
V	BOTANY	DSE-1	Reproductive Biology of Angiosperms	8	6	48	2021	8.00	8.00	Q	
	BUIANI	DSE-2	Natural Resource Management	8	6	48	2021				
	BOTANY	CC-13	Genetics & Plant Breeding	6	6	36	2022				
* **	BUIANI	CC-14	Plant Biotechnology	6	6	36	2022	6.25	6.25		
VI	DOTANY	DSE-3	Plant Evolution & Biodiversity	6	6	36	2022	6.25	6.25	Q	
	BOTANY	DSE-4	Industrial and Environmental Microbiology 7 6 42				2022				
			sis of CCs & DSEs : 7.72 sis of All Courses : 7.66				Letter Grade in CGPA : A		Resul	Result : Q	
COFA (Cui	nulative Grade Foult Aver	age) on the ba	ais of All Courses . / •UU								

Date of Publication of Result : 29.07.2022

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



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.

回到於法院於治院表表回	
	Ī
400	
建筑等线势沿 身	
回域的概念學與概念機能能	

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

Percentage Conversion Formula: = (SGPA or CGPA \times 10) - 5.0

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



Name: LOKENATH DUTTA Roll No. 190331000048

			Honours: PHYSICS								
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Resul	
No.	Subject	Code	Course Title		(V)	(G×V)	Year	CCs & DSEs	All Courses	Code	
	PHYSICS	CC-1	Mathematical Physics-I	5	6	30	2019				
	rnisics	CC-2	Mechanics	5	6	30	2019				
I	MATHEMATICS	GE-1	Differential Calculus	6	6	36	2019	5.00	5.64	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2019				
	PHYSICS	CC-3	Electricity and Magnetism	8	6	48	2020				
	PHISICS	CC-4	Waves and Optics	8	6	48	2020				
II	MATHEMATICS	GE-2	Differential Equations	8	6	48	2020	8.00	7.90	Q	
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2020				
	CC-:	CC-5	Mathematical Physics-II	9	6	54	2020				
1	PHYSICS	CC-6	Thermal Physics	9	6	54	2020				
III		CC-7	Digital Systems and Applications	9	6	54	2020	9.00	9.00	Q	
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2020				
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	9	2	18	2020				
		CC-8	Mathematical Physics-III	9	6	54	2021			Q	
	PHYSICS	CC-9	Elements of Modern Physics	9	6	54	2021				
		CC-10	Analog Systems & Applications	9	6	54	2021				
IV	CHEMISTRY GE-4	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	10	6	60	2021	9.00	9.23		
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	9	2	18	2021				
	Director	CC-11	Quantum Mechanics and Applications	10	6	60	2021				
	PHYSICS	CC-12	Solid State Physics	9	6	54	2021	9.50	9.50		
V	Director	DSE-1	Advanced Mathematical Physics	10	6	60	2021	9.30	9.30	Q	
	PHYSICS	DSE-2	Classical Dynamics	9	6	54	2021				
	Director	CC-13	Electromagnetic Theory	9	6	54	2022				
***	PHYSICS	CC-14	Statistical Mechanics	9	6	54	2022	9.00	0.00		
VI	DIIVEICE	DSE-3	Nuclear and Particle Physics	9	6	54	2022	9.00	9.00	Q	
PI	PHYSICS		Astronomy and Astrophysics	9	6	54	2022	1			
			sis of CCs & DSEs : 8.56 sis of All Courses : 8.45				Letter Gi CGPA		Resul	t : Q	

Date of Publication of Result: 29.07.2022

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



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	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)				

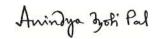


Name: MD NOUSHEEM FARDEEN Roll No. 190331000050

			Honours: MICROBIOLO	GY						
Semester	Subject	Course	Course Title	Grade (G)	Credit Value	Grade Point	Credit Retained		on the	Result
No.	Subject	Code	le Course True		(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MICROBIOLOGY	CC-1	Introduction to Microbiology and Microbial Diversity	8	6	48	2019			
		CC-2	Bacteriology	9	6	54	2019			
I	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	8	6	48	2019	8.50	7.91	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2019			
	MICROBIOLOGY	CC-3	Biochemistry	10	6	60	2020			
	MICKOBIOLOGI	CC-4	Virology	10	6	60	2020			
II	II BOTANY GE	GE-2	Plant Ecology and Taxonomy	9	6	54	2020	10.00	9.40	Q
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2020			
		CC-5	Microbial Physiology & Metabolism	9	6	54	2020			
	MICROBIOLOGY	CC-6	Cell Biology	9	6	54	2020			
III		CC-7	Molecular Biology	9	6	54	2020	9.00	8.85	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2020			
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	10	2	20	2020			
		CC-8	Microbial Genetics	10	6	60	2021			
	MICROBIOLOGY	CC-9	Environmental Microbiology	10	6	60	2021			
		CC-10	Food and Dairy Microbiology	10	6	60	2021			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2021	10.00	9.69	Q
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	9	2	18	2021			
	Manoniorody	CC-11	Industrial Microbiology	10	6	60	2021			
	MICROBIOLOGY	CC-12	Immunology	9	6	54	2021			
V	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	9	6	54	2021	9.25	9.25	Q
		DSE-2	Instrumentation and Biotechniques	9	6	54	2021	1		
	MICROPIOLOGY	CC-13	Medical Microbiology	10	6	60	2022			
	MICROBIOLOGY	CC-14	Recombinant DNA Technology	9	6	54	2022	0.75	0.75	
VI	MICROPIOLOGY	DSE-3 Advances in Microbiology 10 6 60 2022 9.75		9.75	9.75	Q				
MICROBIOLOGY		DSE-4	Bio-Safety and Intellectual Property Rights	10	6	60	2022			
			sis of CCs & DSEs : 9.44				Letter Gi		Resul	t : Q
					-	1	Letter Gi CGPA		Resul	t : (

Date of Publication of Result: 29.07.2022

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



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.	

回次办理的经验实现	
一种的数据的	
3.0	
国的特殊公司 (1995年)	

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

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



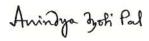
Name: MD SAHANOWAZ HOSSAIN

Roll No. 190331000052

			Honours: MATHEMATI	CS						
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Result
No.	Subject	Code	Course True	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2019			
	MATHEMATICS	CC-2	Algebra	4	6	24	2019			
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2019	4.50	5.64	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2019			
	MATHEMATICS	CC-3	Real Analysis	8	6	48	2020			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	7	6	42	2020			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2020	7.50	7.30	Q
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2020			
	1	CC-5	Theory of Real Functions & Introduction to Metric Spaces	10	6	60	2020			
	MATHEMATICS	CC-6	Group Theory I	10	6	60	2020			
III		CC-7	Numerical Methods	10	6	60	2020	10.00	9.77	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	9	6	54	2020			
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2020			
		CC-8	Riemann Integration and Series of Functions	10	6	60	2021			
	MATHEMATICS	CC-9	Multivariate Calculus	10	6	60	2021			
IV		CC-10	Ring Theory and Linear Algebra I	10	6	60	2021	10.00	10.00	Q
	PHYSICS	GE-4	Waves and Optics	10	6	60	2021			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2021			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2021			
V	THE STATE OF THE S	CC-12	Mechanics I	10	6	60	2021	10.00	10.00	Q
•	MATHEMATICS	DSE-1	Linear Programming	10	6	60	2021	10.00	10.00	×
	THE STATE OF THE S	DSE-2	Probability & Statistics	10	6	60	2021			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2022			
VI		CC-14	Ring Theory and Linear Algebra II	10	6	60	2022	10.00	10.00	Q
¥ 1	MATHEMATICS	DSE-3	Project Work	10	6	60	2022	10.00 10.00		4
		DSE-4	Mechanics II	10	6	60	2022			
			sis of CCs & DSEs : 9.11 sis of All Courses : 8.90				Letter Gi CGPA		Resul	t : Q

Date of Publication of Result : 29.07.2022

$$SGPA\left(S\right) = \frac{\sum\limits_{i=1}^{n}(G_{i} \times V_{i})}{\sum\limits_{i=1}^{n}V_{i}} \qquad CGPA = \frac{\sum\limits_{i=1}^{N}(V_{i} \times S_{i})}{\sum\limits_{i=1}^{N}V_{i}}$$



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	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 Award	ed (NA)	

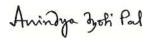


Name : MD SOHEL Roll No. 190331000053

			Honours: MATHEMATI	CS							
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the	Result	
No.	Subject	Code	Course True	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code	
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2019				
	WATTIEWATTES	CC-2	Algebra	5	6	30	2019				
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2019	5.00	5.91	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2019				
	MATHEMATICS	CC-3	Real Analysis	8	6	48	2020				
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	7	6	42	2020				
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2020	7.50	7.30	Q	
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2020				
	MATHEMATICS CO	CC-5	Theory of Real Functions & Introduction to Metric Spaces	10	6	60	2020				
		CC-6	Group Theory I	10	6	60	2020	10.00	0.77		
III		CC-7	Numerical Methods	10	6	60	2020	10.00	9.77	Q	
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	9	6	54	2020				
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2020				
		CC-8	Riemann Integration and Series of Functions	10	6	60	2021				
	MATHEMATICS	CC-9	Multivariate Calculus	10	6	60	2021				
IV		CC-10	Ring Theory and Linear Algebra I	10	6	60	2021	10.00	10.00	Q	
	PHYSICS	GE-4	Waves and Optics	10	6	60	2021				
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2021				
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2021				
v	MATTIEMATICS	CC-12	Mechanics I	10	6	60	2021	10.00	10.00	Q	
v	MATHEMATICS	DSE-1	Linear Programming	10	6	60	2021	10.00	10.00		
	WINTIEWINTIES	DSE-2	Probability & Statistics	10	6	60	2021				
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2022				
VI	WILLIE WILLIAM	CC-14	Ring Theory and Linear Algebra II	9	6	54	2022	9.50	9.50	Q	
V 1	MATHEMATICS	DSE-3	Project Work	10	6	60	2022	7.50	7.50		
	WINTIEWATICS	DSE-4	Mechanics II	10	6	60	2022				
			sis of CCs & DSEs : 9.06 sis of All Courses : 8.86				Letter Gi CGPA		Resul	t : Q	

Date of Publication of Result : 29.07.2022

$$SGPA\left(S\right) = \frac{\sum\limits_{i=1}^{n}(G_{i} \times V_{i})}{\sum\limits_{i=1}^{n}V_{i}} \qquad CGPA = \frac{\sum\limits_{i=1}^{N}(V_{i} \times S_{i})}{\sum\limits_{i=1}^{N}V_{i}}$$



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	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
Part Tree	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	warded (NA)	

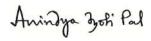


Name: MEGHNATH CHOWDHURY Roll No. 190331000054

			Honours: MATHEMATI	CS						
Semester	Subject	Course	('ourca l'ifla		Credit Value	Grade Point	Credit Retained		on the	Result
No.	Subject	Code	Course True	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2019			
	WATTEMATICS	CC-2	Algebra	4	6	24	2019			
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2019	4.00	5.18	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2019			
	MATHEMATICS	CC-3	Real Analysis	7	6	42	2020			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	7	6	42	2020			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2020	7.00	6.90	Q
	Communicative English/MIL	AECC-2	Bengali	6	2	12	2020			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	10	6	60	2020			
	MATHEMATICS	CC-6	Group Theory I 10 6 60 2020		10.00	0.77				
III		CC-7	Numerical Methods	10	6	60	2020		9.77	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	9	6	54	2020			
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2020			
		CC-8	Riemann Integration and Series of Functions	10	6	60	2021			
	MATHEMATICS	CC-9	Multivariate Calculus	10	6	60	2021			
IV		CC-10	Ring Theory and Linear Algebra I	10	6	60	2021	10.00	10.00	Q
	PHYSICS	GE-4	Waves and Optics	10	6	60	2021			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2021			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2021			
v	WITTIEWITTIES	CC-12	Mechanics I	10	6	60	2021	9.75	9.75	Q
v	MATHEMATICS DSE-1		Linear Programming	9	6	54	2021	7.73	7.13	
	Wittiewitties	DSE-2	Probability & Statistics	10	6	60	2021			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2022			
371	VI MATHEMATICS CC-14 MATHEMATICS DSE-3		Ring Theory and Linear Algebra II	10	6	60	2022	10.00	10.00	Q
VI			Project Work	10	6	60	2022	10.00	10.00	4
	MATHEMATICS	DSE-4	Mechanics II	10	6	60	2022			
		υ,	sis of CCs & DSEs : 8.94 sis of All Courses : 8.73				Letter Gi CGPA		Result : Q	
CGPA (Cur	nulative Grade Point Avera	age) on the ba	sis of All Courses : 8.73				CGPA	• A+		

Date of Publication of Result : 29.07.2022

$$SGPA\left(S\right) = \frac{\sum\limits_{i=1}^{n}(G_{i} \times V_{i})}{\sum\limits_{i=1}^{n}V_{i}} \qquad CGPA = \frac{\sum\limits_{i=1}^{N}(V_{i} \times S_{i})}{\sum\limits_{i=1}^{N}V_{i}}$$



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	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 (N	JA)	



Name: MONSUR ALI SK Roll No. 190331000055

			Honours: CHEMISTR	Y								
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the	Result		
No.	Subject	Code	Course Title		(V)	(G×V)	Year	CCs & DSEs	All Courses	Code		
	CHEMISTRY	CC-1	Organic Chemistry-I	6	6	36	2019					
	CHEWISTKI	CC-2	Physical Chemistry-I	5	6	30	2019					
I	MATHEMATICS	GE-1	Differential Calculus	8	6	48	2019	5.50	6.27	Q		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2019					
	CHEMISTRY	CC-3	Inorganic Chemistry-I	8	6	48	2020					
	CHEWISTKI	CC-4	Organic Chemistry-II	8	6	48	2020					
II	MATHEMATICS	GE-2	Differential Equations	8	6	48	2020	8.00	8.10	Q		
	Communicative English/MIL	AECC-2	Bengali 9 2 18 2020									
		CC-5	Physical Chemistry-II	9	6	54	2020					
	CHEMISTRY CC-6 CC-7	Inorganic Chemistry-II	8	6	48	2020						
III		Organic Chemistry-III	9	6	54	2020	8.67	8.69	Q			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	9	6	54	2020					
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	8	2	16	2020					
		CC-8	Physical Chemistry-III	10	6	60	2021					
	CHEMISTRY	CC-9	Inorganic Chemistry-III	9	6	54	2021					
IV		CC-10	Organic Chemistry - IV	9	6	54	2021	9.33	9.31	Q		
	PHYSICS	GE-4	Waves and Optics	9	6	54	2021					
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	10	2	20	2021					
	CHEMISTRY	CC-11	Inorganic Chemistry-IV	9	6	54	2021					
**	CHEMISTRY	CC-12	Organic Chemistry-V	9	6	54	2021	9.25	9.25	Q		
V	CHEMISTRY DSE-1		Advanced Physical Chemistry	10	6	60	2021	9.23	9.23	(
	CHEWISTKI	DSE-2	Analytical Methods in Chemistry	9	6	54	2021					
	CHEMISTRY	CC-13	Inorganic Chemistry-V	9	6	54	2022					
***	CHEWISTKI	CC-14	Physical Chemistry-IV	9	6	54	2022	9.25	0.25			
VI	CHEMISTRY DSE-3		DSE-3 Green Chemistry		6	60	2022	9.23	9.25	Q		
	CHEWISTKY	DSE-4	Dissertation Followed by Power Point Presentation	9	6	54	2022					
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs: 8.61 CGPA (Cumulative Grade Point Average) on the basis of All Courses: 8.54							Letter Gr CGPA		Result : Q			

Date of Publication of Result : 29.07.2022

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



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

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

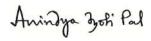


Name: MOUMI HALDER Roll No. 190331000057

			Honours: ZOOLOGY							
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Result
No.	Subject	Code	Course True	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	ZOOLOGY	CC-1	Non-chordates I	8	6	48	2019			
	ZOOLOGT	CC-2	Ecology	8	6	48	2019			
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2019	8.00	7.91	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2019			
	ZOOLOGY	CC-3	Non-chordates II	8	6	48	2020			
	ZOOLOGI	CC-4	Cell Biology	9	6	54	2020			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2020	8.50	8.70	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2020			
		CC-5	Chordates	9	6	54	2020			
	ZOOLOGY	CC-6	Animal Physiology: Controlling and Coordinating Systems	9	6	54	2020	0.00	0.45	
III		CC-7	Fundamentals of Biochemistry	7	6	42	2020	8.33	8.46	Q
	BOTANY	GE-3	Plant Anatomy and Embryology	9	6	54	2020			
	ZOOLOGY	SEC-1	Apiculture	8	2	16	2020			
		CC-8	Comparative Anatomy of Vertebrates	9	6	54	2021			
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	9	6	54	2021			
IV		CC-10	Immunology	9	6	54	2021	9.00	9.23	Q
	BOTANY	GE-4	Plant Physiology and Metabolism	10	6	60	2021			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	9	2	18	2021			
	ZOOLOGY	CC-11	Molecular Biology	10	6	60	2021			
v	2002001	CC-12	Genetics	9	6	54	2021	9.50	9.50	Q
, v	ZOOLOGY DSE-1	Animal Biotechnology	9	6	54	2021	7.50	7.50		
	2002001	DSE-2	Parasitology	10	6	60	2021			
	ZOOLOGY	CC-13	Developmental Biology	9	6	54	2022			
VI	CC-14		Evolutionary Biology	8	6	48	2022	8.50	8.50	Q
V 1	VI ZOOLOGY	DSE-3 Animal Behaviour 8 6 48 2022				0.50	8.50	4		
		54	2022							
			sis of CCs & DSEs : 8.72 sis of All Courses : 8.73				Letter Gi CGPA		Result : Q	

Date of Publication of Result : 29.07.2022

$$SGPA\left(S\right) = \frac{\sum\limits_{i=1}^{n}(G_{i} \times V_{i})}{\sum\limits_{i=1}^{n}V_{i}} \qquad CGPA = \frac{\sum\limits_{i=1}^{N}(V_{i} \times S_{i})}{\sum\limits_{i=1}^{N}V_{i}}$$



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	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 Award	ded (NA)	



Name: MOUMITA DAS Roll No. 190331000058

MATHEMATICS CC-1 Calculus, Geometry & Differential Equations 6 6 36 2019 CC-2 Algebra 4 6 24 2019 5.00 6.45				Honours: MATHEMATI	CS						
MATHEMATICS C. Calculus, Geometry & Differential Equations 6 6 36 2019		Subject		Course Title					ba	sis of	Result
MATHEMATICS	No.	Suageet	Code	e Common Time			(G×V)				Code
PHYSICS GE-1 Mechanics 9 6 54 2019 5.00 6.45		MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	6	6	36	2019			
Nathematics Sect Environmental Studies 7		MATHEMATICS	CC-2	Algebra	4	6	24	2019			
STUDIES AECC-1 Fundamentals Studies 7 4 28 2019 2010 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2020 2	I	PHYSICS	GE-1	Mechanics	9	6	54	2019	5.00	6.45	Q
MATHEMATICS CC-4 Differential Equations and Vector Calculus 8 6 48 2020 7.50 8.10			AECC-1	Fundamentals of Environmental Studies	7	4	28	2019			
The part of the		MATHEMATICS	CC-3	Real Analysis	7	6	42	2020			
MATHEMATICS Second		MATHEMATICS	CC-4	Differential Equations and Vector Calculus	8	6	48	2020			
English/MIL AEC-2 Bengal 9 2 18 200 18 200 18 200 18 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200	II	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2020	7.50	8.10	Q
MATHEMATICS Spaces 10 6 60 2020			AECC-2	Bengali	9	2	18	2020			
The control of the			CC-5		10	6	60	2020			
CC-7 Numerical Methods SEC-8 Chemical Energetic, Equilibria, Organic Chemistry 9 6 54 2020			CC-6	Group Theory I	8	6	48	2020			_
MATHEMATICS SEC-1 Logic and Sets 10 2 20 2020 2020 2020	III		CC-7	Numerical Methods	9	6	54	2020	9.00	9.08	Q
Nathematics CC-8 Riemann Integration and Series of Functions 10 6 60 2021		CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2020			
MATHEMATICS CC-9 Multivariate Calculus 10 6 60 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021 2021		MATHEMATICS	SEC-1	Logic and Sets 10 2 20 2020							
IV CC-10 Ring Theory and Linear Algebra I 10 6 60 2021 10.00 10.00 10.00			CC-8	Riemann Integration and Series of Functions	10	6	60	2021			
V CHEMISTRY GE-4 Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental 10 6 60 2021 10.00 10.00		MATHEMATICS	CC-9	Multivariate Calculus	10	6	60	2021			
CHEMISTRY GE-4 Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental 10 6 60 2021			CC-10	Ring Theory and Linear Algebra I	10	6	60	2021]		
V	IV	CHEMISTRY	GE-4	Electrochemistry, Analytical & Environmental	10	6	60	2021	10.00	10.00	Q
V		MATHEMATICS	SEC-2	Graph Theory	10	2	20	2021			
V		MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2021			
MATHEMATICS DSE-1 Linear Programming 9 6 54 2021		MATHEMATICS	CC-12	Mechanics I	10	6	60	2021	0.50	0.50	
DSE-2 Probability & Statistics 10 6 60 2021	V	MATHEMATICS	DSE-1	Linear Programming	9	6	54	2021	9.30	9.30	Q
VI		MATHEMATICS	DSE-2	Probability & Statistics	10	6	60	2021			
VI CC-14 Ring Theory and Linear Algebra II 10 6 60 2022 10.00 10.00		MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2022			
MATHEMATICS DSE-3 Project Work 10 6 60 2022	* * * *	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2022	10.00	10.00	
DSE-4 Mechanics II 10 6 60 2022	VI	· -		.3 Project Work 10 6 60				2022] 10.00	10.00	Q
		WATHEWATICS	60	2022							
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs: 8.89 CGPA (Cumulative Grade Point Average) on the basis of All Courses: 8.93 Letter Grade in CGPA: A+	•									Result : Q	

Date of Publication of Result : 29.07.2022

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



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

Percentage Conversion Formula:

= (SGPA or CGPA \times 10) - 5.0

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



Name: OMIRUL ALI Roll No. 190331000059

			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	(G) (V		(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2019			
	WATHEWATICS	CC-2	Algebra	4	6	24	2019			
I	PHYSICS	GE-1	Mechanics	chanics 7 6 42 2019					5.18	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2019			
	MATHEMATICS	CC-3	Real Analysis	7	6	42	2020			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	7	6	42	2020			
II	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2020	7.00	7.30	Q
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2020			
	MATHEMATICS CC-5 CC-6 CC-7 CHEMISTRY GE-3		Theory of Real Functions & Introduction to Metric Spaces	10	6	60	2020			
			Group Theory I		6	60	2020		9.77	
III			Numerical Methods	10	6 60		2020	10.00		Q
			Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2020			
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2020			
		CC-8	Riemann Integration and Series of Functions	10	6	60	2021			
	MATHEMATICS	CC-9	Multivariate Calculus	10	6	60	2021			
		CC-10	Ring Theory and Linear Algebra I	10	6	60	2021			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	10	6	60	2021	10.00	10.00	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2021			
	MA THE MATERIA	CC-11	Partial Differential Equations and Applications	10	6	60	2021			
	MATHEMATICS	CC-12	Mechanics I	10	6	60	2021	10.00	10.00	
V	MATHEMATICS	DSE-1	Linear Programming	10	6	60	2021	10.00	10.00	Q
	MATHEMATICS	DSE-2	Probability & Statistics	10	6	60	2021			
	A A THE MATTER	CC-13	Metric Spaces and Complex Analysis	10	6	60	2022			
	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2022		10.00	
VI	MATHEMATICS	DSE-3	Project Work	10	6	60	2022	10.00	10.00	Q
	MATHEMATICS	DSE-4	Mechanics II	10	6	60	2022			
	CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.00 CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.83							rade in	Resul	t : Q
COFA (Cui	iluiative Grade Foliit Aver	age) on the ba	isis of All Courses . 0.03						L	

Date of Publication of Result : 29.07.2022

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



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

Percentage Conversion Formula: = (SGPA or CGPA×10) - 5.0

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

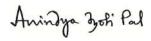


Name: PARTHA MAJI Roll No. 190331000060

			Honours: MATHEMATI	CS						
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the	Resul
No.	Subject	Code	Course True	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2019			
	WATHEWATICS	CC-2	Algebra	4	6	24	2019			
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2019	4.50	5.64	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2019			
	MATHEMATICS	CC-3	Real Analysis	7	6	42	2020			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	7	6	42	2020			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2020	7.00	7.40	Q
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2020			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	10	6	60	2020			
	MATHEMATICS	CC-6	Group Theory I	10	6	60	2020	10.00	0.55	
III		CC-7	Numerical Methods	10	6	60	60 2020 10.00		9.77	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	9	6	54	2020			
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2020			
		CC-8	Riemann Integration and Series of Functions	10	6	60	2021			
	MATHEMATICS	CC-9	Multivariate Calculus	10	6	60	2021			
IV		CC-10	Ring Theory and Linear Algebra I	10	6	60	2021	10.00	10.00	Q
	PHYSICS	GE-4	Waves and Optics	10	6	60	2021			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2021			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2021			
V	WINTIEWINTIES	CC-12	Mechanics I	10	6	60	2021	10.00	10.00	Q
v	MATHEMATICS	DSE-1	Linear Programming	10	6	60	2021	10.00	10.00	
	WITTE WITTED	DSE-2	Probability & Statistics	10	6	60	2021			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2022			
VI		CC-14	Ring Theory and Linear Algebra II	10	6	60	2022	10.00	10.00	Q
V 1	MATHEMATICS	DSE-3	Project Work	10	6	60	2022	10.00	10.00	~
		DSE-4	Mechanics II	10	6	60	2022			
		<u> </u>	sis of CCs & DSEs : 9.06 sis of All Courses : 8.92				Letter Gi CGPA		Resul	t : Q

Date of Publication of Result : 29.07.2022

$$SGPA\left(S\right) = \frac{\sum\limits_{i=1}^{n}(G_{i} \times V_{i})}{\sum\limits_{i=1}^{n}V_{i}} \qquad CGPA = \frac{\sum\limits_{i=1}^{N}(V_{i} \times S_{i})}{\sum\limits_{i=1}^{N}V_{i}}$$



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 Po	int Norms		
	90% to 100%	10	80% and above but below 90%	9	Percentage Conversion Formula: = (SGPA or CGPA×10) - 5.0
7	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)	

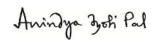


Name: POLY FULMALI Roll No. 190331000061

			Honours: PHYSIOL	OGY						
Semester	Subject	Course	Course Title Grade Value P		Grade Point	Credit Retained	SGPA on the basis of		Result	
No.	Subject	Code	Course Title	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	6	6	36	2019			
	rn i siolog i	CC-2	Biological Physics and Enzymes	5	6	30	2019			
I	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	6	6	36	2019	5.50	5.55	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	5	4	20	2019			
	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	7	6	42	2020			
	PHYSIOLOGY	CC-4	Chemistry of Biomolecules	7	6	42	2020			
II	BOTANY	GE-2	Plant Ecology and Taxonomy	8	6	48	2020	7.00	7.40	Q
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2020			
		CC-5	Circulating Body Fluids	9	6	54	2020			
	PHYSIOLOGY	CC-6	Circulation	8	6	48	2020			
III		CC-7 Functions of The Nervous System		8	8 6 48 2020	2020	8.33	8.23	Q	
	ZOOLOGY	GE-3	Physiology and Biochemistry	8	6	48	2020			1
	PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	8	2	16	2020			
		CC-8	Energy Balance, Metabolism and Nutrition	9	6	54	2021			
	PHYSIOLOGY	CC-9	Gastrointestinal Function	9	6	54	2021			
IV		CC-10	Respiration	9	6	54	2021	9.00	9.00	Q
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	9	6	54	2021			
	PHYSIOLOGY	SEC-2	Hematological Techniques	9	2	18	2021			
	PHYSIOLOGY	CC-11	Special Senses	8	6	48	2021			
***	PH 1 SIOLOG1	CC-12	Endocrinology	8	6	48	2021	8.50	8.50	Q
V	PHYSIOLOGY	DSE-1	Biological Statistics	9	6	54	2021	0.50	6.50	(
	rn i siolog i	DSE-2	Sports and Exercise Physiology	9	6	54	2021			
	PHYSIOLOGY	CC-13	Reproduction	8	6	48	2022			
	TITSIOLOGI	CC-14	Formation and Excretion of Urine	9	6	54	2022	8.50	50 8.50 Q	
VI	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	8	6	48	2022	0.50	0.50	'
	TITSIOLOGI	DSE-4	Toxicology	9	6	54	2022			
`			sis of CCs & DSEs : 8.06				Letter Grade in CGPA : A+		Result : Q	
CGPA (Ctil	CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.93									

Date of Publication of Result : 29.07.2022

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



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.

35
20 A C C C C C C C C C C C C C C C C C C
经验证证据的
国的现在分词 医多克尔氏管 医多克氏管 医克克氏管 医多克氏管 医皮管 医皮管 医皮管 医皮管 医皮管 医皮管 医皮管 医皮管 医皮管 医皮

	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%	Not Awarded (NA)	



Name: PRITAM BANERJEE Roll No. 190331000062

			Honours: CHEMISTR	Y						
Semester	No. Subject Code Course Title		Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Result
No.		Course True	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code	
	CHEMISTRY	CC-1	Organic Chemistry-I	7	6	42	2019			
	CHEWISTKI	CC-2	Physical Chemistry-I	6	6	36	2019			
I	MATHEMATICS	GE-1	Differential Calculus	Differential Calculus 6 6 36 2019 6.50		6.50	6.45	Q		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2019			
	CHEMISTRY	CC-3	Inorganic Chemistry-I	9	6	54	2020			
	CHEMISTRI	CC-4	Organic Chemistry-II	8	6	48	2020			
II	MATHEMATICS	GE-2	Differential Equations	8	6	48	2020	8.50	8.40	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2020			
		CC-5	Physical Chemistry-II	9	6	54	2020			
	CHEMISTRY	CC-6	Inorganic Chemistry-II	9	6	54	2020			
III		CC-7	Organic Chemistry-III	9	6	54	2020	9.00	9.00	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	9	6	54	2020			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	9	2	18	2020			
		CC-8	Physical Chemistry-III	10	6	60	2021			
	CHEMISTRY	CC-9	Inorganic Chemistry-III	9	6	54	2021			
IV		CC-10	Organic Chemistry - IV	10	6	60	2021	9.67	9.54	Q
	PHYSICS	GE-4	Waves and Optics	9	6	54	2021			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	10	2	20	2021			
	CHEMISTRY	CC-11	Inorganic Chemistry-IV	10	6	60	2021			
	CHEMISTRY	CC-12	Organic Chemistry-V	9	6	54	2021	9.50	9.50	
V	CHEMISTRY	DSE-1	Advanced Physical Chemistry	10	6	60	2021	9.30	9.30	Q
	CHEMISTRY	DSE-2	Analytical Methods in Chemistry	9	6	54	2021			
	CHEMISTRY	CC-13	Inorganic Chemistry-V	9	6	54	2022			
***	CHEWISTKI	CC-14	Physical Chemistry-IV	10	6	60	2022	9.75	9.75	
VI	CHEMISTRY	DSE-3	Green Chemistry	10	6	60	2022	9.73	9.73	Q
	CHEWISTKI	DSE-4	Dissertation Followed by Power Point Presentation	10	6	60	2022			
	CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.06 CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.83						Letter Gr CGPA		Resul	t : Q

Date of Publication of Result : 29.07.2022

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



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		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.

曾经经过的	
	90% to 100%
	70% and abo
	50% and abo
	35% and abo
EDDYLORGONAL BOSTONIA	

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

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



Name:PRITAM DEY Roll No. 190331000063

Semester No.	Subject	Course						222		I	
	Subject		Course Title	Grade	Credit Value	Grade Point	Credit Retained	SGPA on the basis of		Result	
		Code	Course Title	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code	
1 N	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2019				
IN.	MATHEMATICS	CC-2	Algebra	4	6	24	2019		1		
I P	PHYSICS	GE-1	Mechanics	7	6	42	2019	4.50	5.45	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2019				
,	MATHEMATICS	CC-3	Real Analysis	8	6	48	2020				
IN.	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	7	6	42	2020				
II P	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2020	7.50	7.70	Q	
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2020				
	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	10	6	60	2020		10.00	Q	
		CC-6	Group Theory I	10	6	60	2020				
III		CC-7	Numerical Methods	10	6	60	2020	10.00	10.00		
C	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	10	6	60	2020				
N	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2020				
		CC-8	Riemann Integration and Series of Functions	10	6	60	2021				
N	MATHEMATICS	CC-9	Multivariate Calculus	10	6	60	2021				
		CC-10	Ring Theory and Linear Algebra I	10	6	60	2021				
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	10	6	60	2021	10.00	10.00	Q	
N	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2021				
,	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2021				
	MATHEMATICS	CC-12	Mechanics I	10	6	60	2021	10.00	10.00		
v ,	MATHEMATICS	DSE-1	Linear Programming	10	6	60	2021	10.00	10.00	Q	
N	MATHEMATICS	DSE-2	Probability & Statistics	10	6	60	2021				
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2022				
	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2022	10.00	10.00		
VI	MATHEMATICS	DSE-3	Project Work	10	6	60	2022	10.00	10.00	Q	
N	MATHEMATICS	DSE-4	Mechanics II	10	6	60	2022	1			
	CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.11 CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.97							Letter Grade in CGPA : O		t : Q	

Date of Publication of Result : 29.07.2022
$$SGPA(S) = \frac{\sum_{i=1}^{n} (G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum_{i=1}^{N} (V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$



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		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.		

国際部門的影響器等談 園
一种大型
Eliacochias Como, Ravios

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

Percentage Conversion Formula:

= (SGPA or CGPA \times 10) - 5.0

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

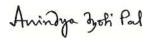


Name: PUJA CHATTERJEE Roll No. 190331000065

			Honours: ZOOLOGY									
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Result		
No.	Code		(V)	(G×V)	Year	CCs & DSEs	All Courses	Code				
	ZOOLOGY	CC-1	Non-chordates I	8	6	48	2019					
	ZOOLOGI	CC-2	Ecology	8	6	48	2019					
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2019	8.00	8.09	Q		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2019					
	ZOOLOGY	CC-3	Non-chordates II	9	6	54	2020					
	ZOOLOGI	CC-4	Cell Biology	9	6	54	2020	2020				
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2020	9.00	9.00	Q		
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2020					
	ZOOLOGY	CC-5	Chordates	8	6	48	2020					
		CC-6	Animal Physiology: Controlling and Coordinating Systems	9	6	54	2020	7.67	8.00	Q		
III		CC-7	Fundamentals of Biochemistry	6	6	36	2020	7.67				
	BOTANY	GE-3	Plant Anatomy and Embryology	9	6	54	2020					
	ZOOLOGY	SEC-1	Apiculture	8	2	16	2020					
		CC-8	Comparative Anatomy of Vertebrates	9	6	54	2021					
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	9	6	54	2021					
IV		CC-10	Immunology	8	6	48	2021	8.67	8.69	Q		
	BOTANY	GE-4	Plant Physiology and Metabolism	9	6	54	2021					
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	8	2	16	2021					
	ZOOLOGY	CC-11	Molecular Biology	10	6	60	2021					
3.7	ZOOLOGI	CC-12	Genetics	8	6	48	2021	9.00	9.00	Q		
V	ZOOLOGY	DSE-1	Animal Biotechnology	9	6	54	2021	9.00	9.00	(
	ZOOLOGI	DSE-2	Parasitology	9	6	54	2021					
	ZOOLOGY	CC-13	Developmental Biology	9	6	54	2022					
VI	2002001	CC-14	Evolutionary Biology	7	6	42	2022	8.00	8.00	Q		
V I	ZOOLOGY	DSE-3	Animal Behaviour	8	6	48	2022	0.00	0.00	~		
	ZOOLOG I	DSE-4	Endocrinology	8	6	48	2022					
			sis of CCs & DSEs : 8.39 sis of All Courses : 8.45				Letter Grade in CGPA : A+		Resul	Result : Q		
COLA (CIII	manative Grade Fullit Avel	age) on the ba	515 O1 7111 COUISCS . U.T.									

Date of Publication of Result : 29.07.2022

$$SGPA\left(S\right) = \frac{\sum\limits_{i=1}^{n}(G_{i} \times V_{i})}{\sum\limits_{i=1}^{n}V_{i}} \qquad CGPA = \frac{\sum\limits_{i=1}^{N}(V_{i} \times S_{i})}{\sum\limits_{i=1}^{N}V_{i}}$$



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.

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)	

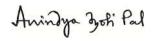


Name: RABIUL ISLAM Roll No. 190331000066

Semester No.	Subject	Course								
No.	Subject		Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Result Code
		Code	Course True	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
-	ZOOLOGY	CC-1	Non-chordates I	7	6	42	2019			
	ZOOLOGI	CC-2	Ecology	8	6	48	2019			
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2019	7.50	7.82	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2019			
-	ZOOLOGY CC-3 Non-chordates II					54	2020			
2	ZOOLOGI	CC-4	Cell Biology	8	6	48	2020			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2020	8.50	8.70	Q
	Communicative English/MIL AECC		Bengali	9	2	18	2020			
		CC-5	Chordates	9	6	54	2020			
	ZOOLOGY	CC-6	Animal Physiology: Controlling and Coordinating Systems	9	6	54	2020	0.00	0.45	
III		CC-7	Fundamentals of Biochemistry	7	6	42	2020	8.33	8.46	Q
I	BOTANY	GE-3	Plant Anatomy and Embryology	9	6	54	2020			
2	ZOOLOGY	SEC-1	Apiculture	8	2	16	2020			
		CC-8	Comparative Anatomy of Vertebrates	9	6	54	2021			
2	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	9	6	54	2021			
IV		CC-10	Immunology	9	6	54	2021	9.00	9.00	Q
I	BOTANY	GE-4	Plant Physiology and Metabolism	9	6	54	2021			
2	ZOOLOGY	SEC-2	Aquarium Fish Keeping	9	2	18	2021			
5	ZOOLOGY	CC-11	Molecular Biology	10	6	60	2021			
V	EGOLOG I	CC-12	Genetics	9	6	54	2021	9.00	9.00	Q
	ZOOLOGY	DSE-1	Animal Biotechnology	9	6	54	2021	7.00	7.00	
		DSE-2	Parasitology	8	6	48	2021			
	ZOOLOGY		Developmental Biology	9	6	54	2022			
VI		CC-14	Evolutionary Biology	8	6	48	2022	8.50	8.50	Q
	ZOOLOGY	DSE-3	Animal Behaviour	8	6	48	2022	0.50	8.50	~
		DSE-4	Endocrinology	9	6	54	2022			
			sis of CCs & DSEs : 8.56 sis of All Courses : 8.59				Letter Gi CGPA		Resul	t : Q

Date of Publication of Result : 29.07.2022

$$SGPA\left(S\right) = \frac{\sum\limits_{i=1}^{n}(G_{i} \times V_{i})}{\sum\limits_{i=1}^{n}V_{i}} \qquad CGPA = \frac{\sum\limits_{i=1}^{N}(V_{i} \times S_{i})}{\sum\limits_{i=1}^{N}V_{i}}$$



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.

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: RAFIATUNNESA BEGAM Roll No. 190331000067

			Honours: PHYSICS							
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	ba	on the	Result
No.	Subject	Code	Course Title	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	PHYSICS	CC-1	Mathematical Physics-I	5	6	30	2019			
	FILISICS	CC-2	Mechanics	5	6	30	2019			
I	MATHEMATICS	GE-1	Differential Calculus	6	6	36	2019	5.00	5.64	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2019			
	PHYSICS	CC-3	Electricity and Magnetism	7	6	42	2020			
	FILISICS	CC-4	Waves and Optics	7	6	42	2020			
II	MATHEMATICS	GE-2	Differential Equations	7	6	42	2020	7.00	7.10	Q
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2020			
		CC-5	Mathematical Physics-II	9	6	54	2020			
	PHYSICS	CC-6	Thermal Physics	9	6	54	2020			
III	III CC-7 CHEMISTRY GE-3		Digital Systems and Applications	9	6	54	2020	9.00	9.23	Q
			Chemical Energetic, Equilibria, Organic Chemistry		6	60	2020			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	9	2	18	2020			
		CC-8	Mathematical Physics-III	9	6	54	2021			
	PHYSICS	CC-9	Elements of Modern Physics	9	6	54	2021			
		CC-10	Analog Systems & Applications	9	6	54	2021			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	10	6	60	2021	9.00	9.15	Q
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	8	2	16	2021			
	PHYSICS	CC-11	Quantum Mechanics and Applications	9	6	54	2021			
	PHISICS	CC-12	Solid State Physics	9	6	54	2021	9.25	9.25	
V	PHYSICS	DSE-1	Advanced Mathematical Physics	9	6	54	2021	9.23	9.23	Q
	PHISICS	DSE-2	Classical Dynamics	10	6	60	2021			
	PHYSICS	CC-13	Electromagnetic Theory	9	6	54	2022			
	PHISICS	CC-14	Statistical Mechanics	9	6	54	2022	0.00	0.00	
VI	DIIVCICC	DSE-3	Nuclear and Particle Physics	9	6	54	2022	9.00	9.00	Q
	PHYSICS	DSE-4	Astronomy and Astrophysics	9	6	54	2022			
-			sis of CCs & DSEs : 8.39 sis of All Courses : 8.32				Letter Grade in CGPA : A+		Resul	t : Q

Date of Publication of Result : 29.07.2022

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



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	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 of CCs and DSEs					
96.55	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)						

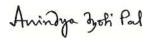


Name: RAMESH GARAIN Roll No. 190331000068

			Honours: MATHEMATI	CS						
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Result
No.	Subject	Code	Course True	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2019			
	WATTEMATICS	CC-2	Algebra	10	6	60	2020			
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2019	7.00	7.27	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies							
	MATHEMATICS	CC-3	Real Analysis	6	6	36	2020			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	6	6	36	2020			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2020	6.00	6.50	Q
	Communicative English/MIL AECC-2		lengali 8 2 16 2020							
	MATHEMATICS		Theory of Real Functions & Introduction to Metric Spaces	10	6	60	2020			
			Group Theory I	10	6	60	2020	10.00	0.77	
III		CC-7	Numerical Methods		6	60	2020	10.00	9.77	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	9	6	54	2020			
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2020			
		CC-8	Riemann Integration and Series of Functions	10	6	60	2021			
	MATHEMATICS	CC-9	Multivariate Calculus	10	6	60	2021			
IV		CC-10	Ring Theory and Linear Algebra I	10	6	60	2021	10.00	10.00	Q
	PHYSICS	GE-4	Waves and Optics	10	6	60	2021			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2021			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2021			
v	MATHEMATICS	CC-12	Mechanics I	10	6	60	2021	9.75	9.75	Q
v	MATHEMATICS	DSE-1	Linear Programming	9	6	54	2021	9.73	9.73	(
	MATHEMATICS	DSE-2	Probability & Statistics	10	6	60	2021			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2022			
371	MATTIEMATICS	CC-14	Ring Theory and Linear Algebra II	9	6	54	2022	9.75	0.75	
VI	MATHEMATICS	DSE-3	Project Work	10	6	60	2022	9.13	9.75	Q
	WATHEMATICS	DSE-4	Mechanics II 10 6 60							
		<i>U</i> ,	sis of CCs & DSEs : 9.11				Letter Grade in CGPA : O		Result : Q	
CGPA (Cur	nulative Grade Point Avera	ige) on the ba	sis of All Courses : 8.96				CGPA	:0	Resul	·· · ·

Date of Publication of Result : 29.07.2022

$$SGPA\left(S\right) = \frac{\sum\limits_{i=1}^{n}(G_{i} \times V_{i})}{\sum\limits_{i=1}^{n}V_{i}} \qquad CGPA = \frac{\sum\limits_{i=1}^{N}(V_{i} \times S_{i})}{\sum\limits_{i=1}^{N}V_{i}}$$



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.

	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
0.4.7.7.20	35% and above but below 40%	4	Below 35% Not Awarded (Na	A)	

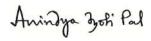


Name: RANISA SULTANA Roll No. 190331000069

			Honours: ZOOLOGY							
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Result
No.	Subject	Code	Course Title	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	ZOOLOGY	CC-1	Non-chordates I	8	6	48	2019			
	ZOOLOGT	CC-2	Ecology	7	6	42	2019			
I	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	10	6	60	2019	7.50	8.09	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2019			
	ZOOLOGY CC-3 Non-chordates II				6	48	2020			
	ZOOLOGT	CC-4	Cell Biology	8	6	48	2020			
II	BOTANY	GE-2	Plant Ecology and Taxonomy	9	6	54	2020	8.00	8.40	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2020			
		CC-5	Chordates	9	6	54	2020			
	ZOOLOGY	CC-6	Animal Physiology: Controlling and Coordinating Systems	8	6	48	2020			Q
III		CC-7	Fundamentals of Biochemistry	7	6	42	2020	8.00	8.23	
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry		6	54	2020			
	ZOOLOGY	SEC-1	Apiculture	8	2	16	2020			
		CC-8	Comparative Anatomy of Vertebrates	9	6	54	2021			
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	9	6	54	2021			
		CC-10	Immunology	9	6	54	2021		0.00	
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2021	9.00	9.00	Q
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	9	2	18	2021			
	7001.001/	CC-11	Molecular Biology	9	6	54	2021			
	ZOOLOGY	CC-12	Genetics	9	6	54	2021	0.00	0.00	
V	ZOOLOGY	DSE-1	Animal Biotechnology	9	6	54	2021	9.00	9.00	Q
	ZUULUGT	DSE-2	Parasitology	9	6	54	2021			
	7001 0CV	CC-13	Developmental Biology	9	6	54	2022			
	ZOOLOGY	CC-14	Evolutionary Biology	8	6	48	2022	9.00	0.00	
VI	ZOOLOGY	DSE-3	Animal Behaviour	9	6	54	2022	9.00	9.00	Q
	ZOOLOGI	DSE-4	Endocrinology	10	6	60	2022			
			sis of CCs & DSEs : 8.56 sis of All Courses : 8.63				Letter Grade in CGPA : A+		Result : Q	
COFA (Cui	mulative Grade Follit Avera	age) on the ba	ais of All Couldes . U.U.				00111			

Date of Publication of Result : 29.07.2022

$$SGPA\left(S\right) = \frac{\sum\limits_{i=1}^{n}(G_{i} \times V_{i})}{\sum\limits_{i=1}^{n}V_{i}} \qquad CGPA = \frac{\sum\limits_{i=1}^{N}(V_{i} \times S_{i})}{\sum\limits_{i=1}^{N}V_{i}}$$



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.

国家旅游出流环省的旅游 型		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 Awarded (NA)	



Name: RATHIN MONDAL Roll No. 190331000071

			Honours: PHYSICS							
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Result
No.	Subject	Code	Course True	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	PHYSICS	CC-1	Mathematical Physics-I	6	6	36	2019			
	rnisics	CC-2	Mechanics	7	6	42	2019			
I	MATHEMATICS	GE-1	Differential Calculus	8	6	48	2019	6.50	7.00	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2019			
	PHYSICS	CC-3	Electricity and Magnetism	8	6	48	2020			
	rnisics	CC-4	Waves and Optics	8	6	48	2020			
II	MATHEMATICS	GE-2	Differential Equations	8	6	48	2020	8.00	8.10	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2020			
		CC-5	Mathematical Physics-II	9	6	54	2020			
	PHYSICS	CC-6	Thermal Physics	9	6	54	2020			
III		CC-7	Digital Systems and Applications	9	6	54	2020	9.00	9.23	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	10	6	60	2020			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	9	2	18	2020			
		CC-8	Mathematical Physics-III	9	6	54	2021			
	PHYSICS	CC-9	Elements of Modern Physics	9	6	54	2021			
		CC-10	Analog Systems & Applications	9	6	54	2021			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2021	9.00	9.00	Q
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	9	2	18	2021			
	DITAGLOG	CC-11	Quantum Mechanics and Applications	10	6	60	2021			
	PHYSICS	CC-12	Solid State Physics	9	6	54	2021	9.75	9.75	
V	PHYSICS	DSE-1	Advanced Mathematical Physics	10	6	60	2021	9.73	9.73	Q
	PHYSICS	DSE-2	Classical Dynamics	10	6	60	2021			
	DITAGLOG	CC-13	Electromagnetic Theory	9	6	54	2022			
	PHYSICS	CC-14	Statistical Mechanics	10	6	60	2022	0.50	0.50	
VI	DINGICG	DSE-3			6	54	2022	9.50	9.50	Q
	PHYSICS	DSE-4	Astronomy and Astrophysics	10	6	60	2022			
-	nulative Grade Point Avera		sis of CCs & DSEs : 8.89 sis of All Courses : 8.82				Letter Grade CGPA : A+		Resul	t : Q

Date of Publication of Result : 29.07.2022

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



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	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)						

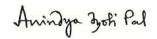


Name : RIMA HAZRA Roll No. 190331000072

Semester	Subject	Course	Honours: MICROBIOLO Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the	Result	
No.	Code		Course Title	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code	
	MICROBIOLOGY	CC-1	Introduction to Microbiology and Microbial Diversity	7	6	42	2019				
		CC-2	Bacteriology	5	6	30	2019				
I	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	7	6	42	2019	6.00	6.45	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2019				
	MICROBIOLOGY	CC-3	Biochemistry	8	6	48	2020				
	MICKOBIOLOGY	CC-4	Virology	8	6	48	2020				
II	BOTANY	GE-2	Plant Ecology and Taxonomy	8	6	48	2020	8.00	7.90	Q	
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2020				
		CC-5	Microbial Physiology & Metabolism	8	6	48	2020				
	MICROBIOLOGY	CC-6	Cell Biology	8	6	48	2020				
III		CC-7	Molecular Biology	9	6	54	2020	8.33	8.46	Q	
	CHEMISTRY GE-3	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2020				
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	8	2	16	2020				
	CC	CC-8	Microbial Genetics	10	6	60	2021				
	MICROBIOLOGY	CC-9	Environmental Microbiology	9	6	54	2021				
		CC-10	Food and Dairy Microbiology	9	6	54	2021			_	
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2021	9.33	9.23	Q	
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	9	2	18	2021				
	MICROPIOLOGY	CC-11	Industrial Microbiology	8	6	48	2021				
	MICROBIOLOGY	CC-12	Immunology	8	6	48	2021				
V	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	9	6	54	2021	8.25	8.25	Q	
		DSE-2	Instrumentation and Biotechniques	8	6	48	2021				
	MICDODIOLOGY	CC-13	Medical Microbiology	9	6	54	2022				
***	MICROBIOLOGY	CC-14	Recombinant DNA Technology	9	6	54	2022	9.00	9.00		
VI	MICDODIOLOGY	DSE-3	Advances in Microbiology	9	6	54	2022	9.00	9.00	Q	
	MICROBIOLOGY	DSE-4	Bio-Safety and Intellectual Property Rights	9	6	54	2022				
	nulative Grade Point Avera		sis of CCs & DSEs : 8.33					Letter Grade in CGPA : A+		Result : Q	

Date of Publication of Result: 29.07.2022

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



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.		

国外和普通关系 第三	

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

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

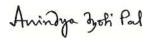


Name : RIMPA DAS Roll No. 190331000073

			Honours: MATHEMATI	CS						
Semester	Subject	Course	Course Title	Grade (G)	Credit Value	Grade Point	Credit Retained		on the	Resul
No.	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	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2019	10.00	8.45	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	5 4 24		2019			
	MATHEMATICS	CC-3	Real Analysis	6	6	36	2020			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	6	6	36	2020			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2020	6.00	6.40	Q
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2020			
	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	10	6	60	2020			
	MATHEMATICS	CC-6	Group Theory I	10	6	60	2020			
III		CC-7	Numerical Methods	10	6	60	2020	10.00	9.77	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	9	6	54	2020			
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2020			
		CC-8	Riemann Integration and Series of Functions	10	6	60	2021			
	MATHEMATICS	CC-9	Multivariate Calculus	10	6	60	2021			Q
IV		CC-10	Ring Theory and Linear Algebra I	10	6	60	2021	10.00	10.00	
	PHYSICS	GE-4	Waves and Optics	10	6	60	2021			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2021			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2021			
V	WINTIEWINTIES	CC-12	Mechanics I	10	6	60	2021	9.75	9.75	Q
v	MATHEMATICS	DSE-1	Linear Programming	9	6	54	2021	7.73	7.73	
	WITTE WITTED	DSE-2	Probability & Statistics	10	6	60	2021			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2022			
VI		CC-14	Ring Theory and Linear Algebra II	9	6	54	2022	9.50	9.50	Q
V 1	MATHEMATICS	DSE-3	Project Work	10	6	60	2022	7.50	7.50	~
	DSE-4	DSE-4	Mechanics II	10	6	60	2022			
			sis of CCs & DSEs : 9.39 sis of All Courses : 9.08				Letter Gi CGPA		Resul	t : Q

Date of Publication of Result : 29.07.2022

$$SGPA\left(S\right) = \frac{\sum\limits_{i=1}^{n}(G_{i} \times V_{i})}{\sum\limits_{i=1}^{n}V_{i}} \qquad CGPA = \frac{\sum\limits_{i=1}^{N}(V_{i} \times S_{i})}{\sum\limits_{i=1}^{N}V_{i}}$$



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.		

回新光彩彩彩彩流回		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 Awarded (I	NA)	

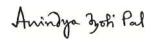


Name: RINKU MONDAL Roll No. 190331000074

			Honours: PHYSIOL	OGY						
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	ba	A on the sis of	Result
No.	Subject	Code	Course True	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	9	6	54	2019			
	THISIOLOGI		Biological Physics and Enzymes	9	6	54	2019			
I	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	7	6	42	2019	9.00	7.91	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2019			
	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	10	6	60	2020			
	rn i siolog i	CC-4	Chemistry of Biomolecules	10	6	60	2020			
II	BOTANY	GE-2	Plant Ecology and Taxonomy	9	6	54	2020	10.00	9.60	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2020			
		CC-5	Circulating Body Fluids	10	6	60	2020			
	PHYSIOLOGY	CC-6	Circulation	10	6	60	2020			
III		CC-7	Functions of The Nervous System	10	6	60	2020	10.00	9.77	Q
	ZOOLOGY	GE-3	Physiology and Biochemistry	9	6	54	2020			
	PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	10	2	20	2020			
		CC-8	Energy Balance, Metabolism and Nutrition	10	6	60	2021			
	PHYSIOLOGY	CC-9	Gastrointestinal Function	10	6	60	2021			
IV		CC-10	Respiration	10	6	60	2021	10.00	9.77	Q
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	9	6	54	2021			
	PHYSIOLOGY	SEC-2	Hematological Techniques	10	2	20	2021			
	PHYSIOLOGY	CC-11	Special Senses	9	6	54	2021			
3.7	TITISIOLOGI	CC-12	Endocrinology	9	6	54	2021	9.50	9.50	Q
V	PHYSIOLOGY	DSE-1	Biological Statistics	10	6	60	2021	9.50	9.30	(
	TITISIOLOGI	DSE-2	Sports and Exercise Physiology	10	6	60	2021			
	PHYSIOLOGY	CC-13	Reproduction	9	6	54	2022			
N/I	TITISIOLOGI	CC-14	Formation and Excretion of Urine	9	6	54	2022	9.00	9.00	Q
VI	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	9	6	54	2022	9.00	7.00	
	PHYSIOLOGY	DSE-4	Toxicology	9	6	54	2022			
			sis of CCs & DSEs : 9.56 sis of All Courses : 9.28				Letter Grade in CGPA : O		Resul	t : Q
CGFA (Cui	murative Grade Form Aver	age) on the ba	SIS OF AIT COURSES . 7.40				CGPA: U		-	

Date of Publication of Result: 29.07.2022

$$SGPA\left(S\right) = \frac{\sum\limits_{i=1}^{n}(G_{i}\times V_{i})}{\sum\limits_{i=1}^{n}V_{i}} \qquad CGPA = \frac{\sum\limits_{i=1}^{N}(V_{i}\times S_{i})}{\sum\limits_{i=1}^{N}V_{i}}$$



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		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.	

	电影影响 医
	自然发展。2008年200
- 1	

	Grade Po	int Norms		
90% to 100%	10	80% and above but below 90%	9	Per = (5
70% and above but below 80%	8	60% and above but below 70%	7	*Le
50% and above but below 60%	6	40% and above but below 50%	5	of (
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	

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



Name: RISHAV SADHU Roll No. 190331000075

			Honours: MATHEMATI	CS						
Semester	Subject	Course	Course Title		e Credit Value		Credit Retained	ba	A on the sis of	Result
No.	Subject	Code	Course True	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2019			
	MATHEMATICS	CC-2	Algebra	5	6	30	2019			
I	PHYSICS	GE-1	Mechanics	7	6	42	2019	4.50	5.45	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2019			
	MATHEMATICS	CC-3	Real Analysis	8	6	48	2020			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	7	6	42	2020			
II	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2020	7.50	7.70	Q
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2020			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	10	6	60	2020			
	MATHEMATICS	CC-6	Group Theory I	10	6	60	2020]		
III		CC-7	Numerical Methods	10	6	60	2020	10.00	10.00	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	10	6	60	2020]		
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2020			
		CC-8	Riemann Integration and Series of Functions	10	6	60	2021			
	MATHEMATICS	CC-9	Multivariate Calculus	10	6	60	2021			
		CC-10	Ring Theory and Linear Algebra I	10	6	60	2021	1000	10.00	
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	10	6	60	2021	10.00	10.00	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2021			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2021			
	MATHEMATICS	CC-12	Mechanics I	10	6	60	2021	10.00	10.00	
V	MATHEMATICS	DSE-1	Linear Programming	10	6	60	2021	10.00	10.00	Q
	MATHEMATICS	DSE-2	Probability & Statistics	10	6	60	2021			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2022			
	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2022	10.00	10.00	
VI	MATHEMATICS	DSE-3	Project Work	10	6	60	2022	10.00	10.00	Q
	MATHEMATICS	DSE-4	Mechanics II	10	6	60	2022			<u> </u>
	CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.11 CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.97						Letter G	Resul	Result : Q	
COLA (CIII	manarive Grade I offit Aven	uge) on the ba	555 OF THE COURSES . U. / 1					. ~	L	

Date of Publication of Result : 29.07.2022

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



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

Percentage Conversion Formula:

= (SGPA or CGPA \times 10) - 5.0

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



Name: RITTIK GUIN Roll No. 190331000076

			Honours: MATHEMATI	CS						
Semester	Subject	Course	('ourgo l'itlo		Credit Value		Credit Retained	ba	on the	Result
No.	Subject	Code	Course True	(G)	(V)	(G×V)		CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2019			
	WATHEMATICS	CC-2	Algebra	6	6	36	2019			
I	PHYSICS	GE-1	Mechanics	8	6	48	2019	5.50	6.45	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2019			
	MATHEMATICS	CC-3	Real Analysis	8	6	48	2020			
	WATTEMATICS	CC-4	Differential Equations and Vector Calculus	7	6	42	2020			
II	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2020	7.50	7.70	Q
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2020			
N	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	10	6	60	2020			
		CC-6	Group Theory I	10	6	60	2020			
III		CC-7	Numerical Methods	10	6	60	2020	10.00	10.00	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	10	6	60	2020			
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2020			
		CC-8	Riemann Integration and Series of Functions	10	6	60	2021			
	MATHEMATICS	CC-9	Multivariate Calculus	10	6	60	2021			
		CC-10	Ring Theory and Linear Algebra I	10	6	60	2021			Q
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	10	6	60	2021	10.00	10.00 10.00	
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2021			
	A CATELLED A A TRICO	CC-11	Partial Differential Equations and Applications	10	6	60	2021			
	MATHEMATICS	CC-12	Mechanics I	10	6	60	2021	10.00	10.00	
V	MATHEMATICS	DSE-1	Linear Programming	10	6	60	2021	10.00	10.00	Q
	MATHEMATICS	DSE-2	Probability & Statistics	10	6	60	2021			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2022			
	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2022	1	10.00	
VI	A CA TEXTEN CA TEXT	DSE-3	Project Work	10	6	60	2022	10.00	10.00	Q
	MATHEMATICS	DSE-4	Mechanics II	10	6	60	2022			
	CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.22 CGPA (Cumulative Grade Point Average) on the basis of All Courses : 9.13						Letter Grade in CGPA : O		Result : Q	
COLA (CIII	nuianve Grade Foint Avera	ige) on the ba	ais of All Coulses . 7.13						l	

Date of Publication of Result : 29.07.2022
$$SGPA(S) = \frac{\sum_{i=1}^{n} (G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum_{i=1}^{N} (V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$



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		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.

E 200 200 200 200 200 200 200 200 200 20

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

Percentage Conversion Formula: = (SGPA or CGPA \times 10) - 5.0

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs

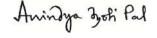


Name: RITUPARNA MONDAL Roll No. 190331000077

			Honours: MICROBIOLO	GY						
Semester	Subject	Course	Course Title		Credit Value	Grade Point	Credit Retained		on the	Result
No.	Subject	Code	Course True	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MICROBIOLOGY	CC-1	Introduction to Microbiology and Microbial Diversity	6	6	36	2019			
		CC-2	Bacteriology	5	6	30	2019			
I	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	7	6	42	2019	5.50	6.18	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2019			
	MICROBIOLOGY	CC-3	Biochemistry	8	6	48	2020			
	MICKOBIOLOGY	CC-4	Virology	8	6	48	2020			
II	BOTANY	GE-2	Plant Ecology and Taxonomy	8	6	48	2020	8.00	7.90	Q
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2020			
	MICROBIOLOGY CO	CC-5	Microbial Physiology & Metabolism	8	6	48	2020			
		CC-6	Cell Biology	8	6	48	2020			
III		CC-7	Molecular Biology	7	6	42	2020	7.67	8.00	Q
		GE-3	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2020			
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	8	2	16	2020			
		CC-8	Microbial Genetics	9	6	54	2021			
	MICROBIOLOGY	CC-9	Environmental Microbiology	9	6	54	2021			
		CC-10	Food and Dairy Microbiology	9	6	54	2021			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2021	9.00	9.00	Q
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	9	2	18	2021			
	Michobiology	CC-11	Industrial Microbiology	8	6	48	2021			
	MICROBIOLOGY	CC-12	Immunology	8	6	48	2021			
V	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	7	6	42	2021	7.75	7.75	Q
		DSE-2	Instrumentation and Biotechniques	8	6	48	2021			
	Michobiology	CC-13	Medical Microbiology	8	6	48	2022			
	MICROBIOLOGY	CC-14	Recombinant DNA Technology	8	6	48	2022	8.00	8.00	
VI	DSF		Advances in Microbiology		8 6 48		2022	8.00	8.00	Q
	MICROBIOLOGY	DSE-4	Bio-Safety and Intellectual Property Rights	8	6	48	2022			
			sis of CCs & DSEs : 7.78 sis of All Courses : 7.85				Letter Gi CGPA		Resul	t : Q

Date of Publication of Result: 29.07.2022

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



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

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



Name: RIYA GHANTI Roll No. 190331000078

			Honours: MATHEMATI	CS						
Semester	Subject	Course	Course Title		Credit Value	Grade Point	Credit Retained	ba	on the	Result
No.	Bubject	Code	Course Title	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	7	6	42	2019			
	MATHEMATICS CC-2		Algebra	5	6	30	2019			
I	PHYSICS	GE-1	Mechanics	8	6	48	2019	6.00	6.73	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2019			
	MATHEMATICS	CC-3	Real Analysis	8	6	48	2020			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	8	6	48	2020			
II	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2020	8.00	8.30	Q
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2020			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	10	6	60	2020			
	MATHEMATICS	CC-6	roup Theory I 10 6 60 2020		2020					
III		CC-7	Numerical Methods	10	6	60	2020	10.00	9.77	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2020			
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2020			
		CC-8	Riemann Integration and Series of Functions	10	6	60	2021			
	MATHEMATICS	CC-9	Multivariate Calculus	10	6	60	2021			
		CC-10	Ring Theory and Linear Algebra I	10	6	60	2021			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	10	6	60	2021	10.00	0.00 10.00	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2021			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2021			
	MATHEMATICS	CC-12	Mechanics I	10	6	60	2021	10.00	10.00	
V	MATHEMATICS	DSE-1	Linear Programming	10	6	60	2021	10.00	10.00	Q
	MATHEMATICS		Probability & Statistics	10	6	60	2021			
	MARKENARIOG	CC-13	Metric Spaces and Complex Analysis	10	6	60	2022			
	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2022	1,000	10.00	
VI	MATHEMATICS	DSE-3	Project Work	10	6	60	2022	10.00	10.00	Q
	MATHEMATICS	DSE-4	Mechanics II	10	6	60	2022			
	CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.33 CGPA (Cumulative Grade Point Average) on the basis of All Courses : 9.21							rade in	Resul	t : Q
COFA (Cui	nulative Grade Form Aver	age) on the ba	isis of All Courses . 7.21						l	

Date of Publication of Result : 29.07.2022
$$SGPA(S) = \frac{\sum_{i=1}^{n} (G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum_{i=1}^{N} (V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$



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

Percentage Conversion Formula: = (SGPA or CGPA \times 10) - 5.0

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



Name: ROHIT KUMAR MONDAL Roll No. 190331000079

			Honours: CHEMISTRY	Y						
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the	Result
No.	Subject	Code	Course ride	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	CHEMISTRY	CC-1	Organic Chemistry-I	8	6	48	2019			
	CHEMISTRY		Physical Chemistry-I	7	6	42	2019			
I	MATHEMATICS	GE-1	Differential Calculus	6	6	36	2019	7.50	6.82	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2019			
	CHEMISTRY	CC-3	Inorganic Chemistry-I	9	6	54	2020			
	CHEWISTKI	CC-4	Organic Chemistry-II	9	6	54	2020			
II	MATHEMATICS	GE-2	Differential Equations	8	6	48	2020	9.00	8.60	Q
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2020			
		CC-5	Physical Chemistry-II	9	6	54	2020			
	CHEMISTRY CC-6 CC-7	Inorganic Chemistry-II		6	48	2020				
III		CC-7	Organic Chemistry-III	9	6	54	2020	8.67	9.00	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	10	6	60	2020			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	9	2	18	2020			
		CC-8	Physical Chemistry-III	10	6	60	2021			
	CHEMISTRY	CC-9	Inorganic Chemistry-III	10	6	60	2021			
IV		CC-10	Organic Chemistry - IV	10	6	60	2021	10.00	9.77	Q
	PHYSICS	GE-4	Waves and Optics	9	6	54	2021			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	10	2	20	2021			
	CHEMICEDA	CC-11	Inorganic Chemistry-IV	9	6	54	2021			
	CHEMISTRY	CC-12	Organic Chemistry-V	9	6	54	2021	9.25	9.25	
V	CHEMICEDA	DSE-1	Advanced Physical Chemistry	10	6	60	2021	9.25	9.25	Q
	CHEMISTRY		Analytical Methods in Chemistry	9	6	54	2021			
	CHEMISTRY	CC-13	Inorganic Chemistry-V	9	6	54	2022			
***	CHEMISTRY	CC-14	Physical Chemistry-IV	9	6	54	2022	1	0.50	0
VI	CHENTGERY	DSE-3	Green Chemistry	10	6	60	2022	9.50	9.50	Q
	CHEMISTRY	DSE-4	Dissertation Followed by Power Point Presentation	10	6	60	2022			
,	CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.11 CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.87					Letter Grade in CGPA : O		Result : Q		
CGPA (Cui	nuiauve Grade Point Avera	age) on me ba	sis of All Courses : 0.07				CGIA	• •		

Date of Publication of Result : 29.07.2022

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



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

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



Name: SADIA FIRDOS Roll No. 190331000080

			Honours: PHYSIOLOG	Y						
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Result
No.	Bubject	Code	Course Title	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	8	6	48	2019			
	TITSIOLOGI	CC-2	Biological Physics and Enzymes	9	6	54	2019			
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2019	8.50	7.82	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2019			
	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	10	6	60	2020			
	rn i siolog i	CC-4	Chemistry of Biomolecules	10	6	60	2020			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2020	10.00	9.50	Q
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2020			
		CC-5	Circulating Body Fluids	10	6	60	2020			
	PHYSIOLOGY		Circulation	10	6	60	2020			
III		CC-7	Functions of The Nervous System	10	6	60	2020	10.00	9.77	Q
	ZOOLOGY	GE-3	Physiology and Biochemistry	9	6	54	2020			
	PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	10	2	20	2020			
		CC-8	Energy Balance, Metabolism and Nutrition	10	6	60	2021			
	PHYSIOLOGY	CC-9	Gastrointestinal Function	10	6	60	2021			
IV		CC-10	Respiration	10	6	60	2021	10.00	9.77	Q
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	9	6	54	2021			
	PHYSIOLOGY	SEC-2	Hematological Techniques	10	2	20	2021			
	DITAGIOI OCA	CC-11	Special Senses	10	6	60	2021			
	PHYSIOLOGY	CC-12	Endocrinology	9	6	54	2021	0.75	0.75	
V	PHYSIOLOGY	DSE-1	Biological Statistics	10	6	60	2021	9.75	9.75	Q
	PHYSIOLOGY	DSE-2	Sports and Exercise Physiology	10	6	60	2021			
	PHYSIOLOGY	CC-13	Reproduction	9	6	54	2022			
	PHYSIOLOGY	CC-14	Formation and Excretion of Urine	9	6	54	2022	0.00	0.00	
VI	BILLYCIOL OCY	DSE-3	Human Nutrition and Dietetics	9	6	54	2022	9.00	9.00 9.00 Q	(
	PHYSIOLOGY	DSE-4	Toxicology	9	6	54	2022			
	CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.56 CGPA (Cumulative Grade Point Average) on the basis of All Courses : 9.30						Letter G		Resul	t : Q
CGFA (CUI	nulative Grade Foliit Aver	age) on the ba	SIS OF ALL COURSES . 7.JU						l	

Date of Publication of Result : 29.07.2022
$$SGPA(S) = \frac{\sum_{i=1}^{n} (G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum_{i=1}^{N} (V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$



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		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.

Control of the Contro	
	90% to 100%
	70% and above but bel
	50% and above but bel
	35% and above but bel

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

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

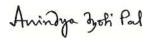


Name: SAFIA AKHTER Roll No. 190331000081

Honours: ZOOLOGY											
Semester No.	Subject	Course	Course Title	Grade (G)	Credit Value	Grade Point	Credit Retained	SGPA on the basis of		Result	
	Code		Course True		(V)	(G×V)	Year	CCs & DSEs	All Courses	Code	
	ZOOLOGY	CC-1	Non-chordates I	8	6	48	2019				
I	ZOOLOGT	CC-2	Ecology	7	6	42	2019			l	
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons		6	48	2019	7.50	7.36	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies 6			24	2019				
	ZOOLOGY	CC-3 Non-chordates II	Non-chordates II	8	6	48	2020				
	ZUULUG1	CC-4	Cell Biology 8 6 48				2020	1		ĺ	
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2020	8.00	8.40	Q	
	Communicative English/MIL	AECC-2	Bengali 9 2				2020				
		CC-5	Chordates	9	6	54	2020				
	ZOOLOGY	CC-6	Animal Physiology: Controlling and Coordinating Systems		6	48	2020	8.00	8.31	Q	
III		CC-7 Fundamentals of Biochemistry		7	6	42	2020				
	BOTANY GE-3		Plant Anatomy and Embryology			2020					
	ZOOLOGY	SEC-1	Apiculture	9	2	18	2020				
		CC-8	Comparative Anatomy of Vertebrates	9	6	54	2021				
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems		6	54	2021				
IV		CC-10	Immunology	9	6	54	2021	9.00	9.00	Q	
	BOTANY	GE-4	Plant Physiology and Metabolism	9	6	54	2021				
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	9	2	18	2021				
	ZOOLOGY	CC-11	Molecular Biology	9	6	54	2021				
V	ZOOZOO I	CC-12 Genetics	Genetics	8	6	48	2021	8.75	8.75	Q	
V	ZOOLOGY	DSE-1 Animal Biotechnology		9	6	54	2021	0.73	0.73	Ų.	
Zoc		DSE-2	Parasitology	9		54	2021				
	ZOOLOGY CC-13 CC-14	Developmental Biology	9	6	54	2022					
VI			Evolutionary Biology	8	6	48	2022	8.75	8.75	Q	
	ZOOLOGY	DSE-3	Animal Behaviour 9 6 54 2022		0.75	0.75					
DSE-4 Endocrinology					6	54	2022				
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs: 8.44 CGPA (Cumulative Grade Point Average) on the basis of All Courses: 8.45							Letter Grade in CGPA : A+		Resul	Result : Q	

Date of Publication of Result : 29.07.2022

$$SGPA\left(S\right) = \frac{\sum\limits_{i=1}^{n}(G_{i} \times V_{i})}{\sum\limits_{i=1}^{n}V_{i}} \qquad CGPA = \frac{\sum\limits_{i=1}^{N}(V_{i} \times S_{i})}{\sum\limits_{i=1}^{N}V_{i}}$$



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.

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: SAMARENDU SU Roll No. 190331000083

			Honours: MICROBIOLO	GY						
Semester	Subject Course Code	Course	Course Title	Grade (G)	Credit Value	Grade Point	Credit Retained	bas	on the	Result
No.		Code	Course Title		(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MICROBIOLOGY	CC-1	Introduction to Microbiology and Microbial Diversity	6	6	36	2019			
		CC-2	Bacteriology	5	6	30	2019			
I	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	6	6	36	2019	5.50	5.73	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2019			
	MICROBIOLOGY	CC-3	Biochemistry	8	6	48	2020			
	MICKOBIOLOGI	CC-4	Virology	8	6	48	2020			
II	BOTANY	GE-2	Plant Ecology and Taxonomy	8	6	48	2020	8.00	7.90	Q
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2020			
		CC-5	Microbial Physiology & Metabolism	8	6	48	2020	ı		
	MICROBIOLOGY CC-6		Cell Biology	8	6	48	2020			
III		CC-7	Molecular Biology	9	6	54	2020	8.33	8.46	Q
	CHEMISTRY GE-3		Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2020			
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	8	2	16	2020			
		CC-8	Microbial Genetics	9	6	54	2021			
	MICROBIOLOGY	CC-9	Environmental Microbiology	9	6	54	2021			
		CC-10	Food and Dairy Microbiology	9	6	54	2021			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2021	9.00	9.00	Q
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	9	2	18	2021			
	MIGROPIOI OGV	CC-11	Industrial Microbiology	9	6	54	2021			
	MICROBIOLOGY	CC-12	Immunology	9	6	54	2021			
V	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	8	6	48	2021	8.75	8.75	Q
	DSE-2		Instrumentation and Biotechniques	9	6	54	2021	1		
	CC-13		Medical Microbiology	9	6	54	2022			
	MICROBIOLOGY	CC-14	Recombinant DNA Technology	9	6	54	2022	1	0.75	
VI	MICROPIOLOGY	DSE-3	Advances in Microbiology	8	6	48	2022	8.75	8.75	Q
	MICROBIOLOGY	DSE-4	Bio-Safety and Intellectual Property Rights	9	6	54	2022	1		
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.28 CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.15							Letter Grade in CGPA : A+		Result : Q	

Date of Publication of Result: 29.07.2022

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



Controller of Examinations

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.

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

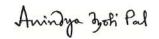


Name: SAMPANNA ROY Roll No. 190331000084

Semester No.	Subject ICROBIOLOGY	Course Code	Course Title	Grade	Credit	Grade	Credit		on the	
			Course Title		Credit Value	* .	Credit Retained	bas	sis of	Result
MI	ICROBIOLOGY	CC-1		(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
			Introduction to Microbiology and Microbial Diversity	8	6	48	2019			
		CC-2	Bacteriology	9	6	54	2019			
I BC	OTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	7	6	42	2019	8.50 7.64	Q	
	NVIRONMENTAL TUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2019			
М	ICROBIOLOGY	CC-3	Biochemistry	9	6	54	2020			
IVII	ICROBIOLOG I	CC-4	Virology	9	6	54	2020			
II BC	OTANY	GE-2	Plant Ecology and Taxonomy	9	6	54	2020	9.00	8.80	Q
	ommunicative nglish/MIL	AECC-2	Communicative English	7	2	14	2020			
	MICROBIOLOGY CC-6		Microbial Physiology & Metabolism	9	6	54	2020			
MI			Cell Biology	9	6	54	2020			
III		CC-7	Molecular Biology	9	6	54	2020	9.00	9.08	Q
CH	HEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2020			
MI	ICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	10	2	20	2020			
		CC-8	Microbial Genetics	10	6	60	2021			
MI	ICROBIOLOGY	CC-9	Environmental Microbiology	10	6	60	2021	7		
		CC-10	Food and Dairy Microbiology	10	6	60	2021	1		
IV	HEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	10	6	60	2021	10.00	10.00	Q
MI	ICROBIOLOGY	SEC-2	Food Fermentation Techniques	10	2	20	2021			
, a	ICDODIOLOGY	CC-11	Industrial Microbiology	10	6	60	2021			
MI	ICROBIOLOGY	CC-12	Immunology	10	6	60	2021			
V MI	ICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	9	6	54	2021	9.50	9.50	Q
	DSE-2		Instrumentation and Biotechniques	9	6	54	2021			
	CC-13		Medical Microbiology	10	6	60	2022			
	ICROBIOLOGY	CC-14	Recombinant DNA Technology	10	6	60	2022	10.00	10.00	
VI	D		Advances in Microbiology	10	6	60	2022	10.00	10.00	Q
IMICROBIOLOGY		Bio-Safety and Intellectual Property Rights	10	6	60	2022				
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.44 CGPA (Cumulative Grade Point Average) on the basis of All Courses : 9.21							Letter Gi CGPA		Resul	t : Q

Date of Publication of Result: 29.07.2022

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



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



Name: SAPTARSHI CHANDRA Roll No. 190331000085

			Honours: MICROBIOLO	GY						
Semester	Subject	Course		Grade	Credit Value	Grade Point	Credit Retained		on the	Result
No.	Subject	Code		(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MICROBIOLOGY	CC-1	Introduction to Microbiology and Microbial Diversity	6	6	36	2019			
		CC-2	Bacteriology	5	6	30	2019			
I	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	7	6	42	2019	5.50	5.82	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	5	4	20	2019			
	MICROBIOLOGY	CC-3	Biochemistry	8	6	48	2020			
	MICKOBIOLOGY	CC-4	Virology	8	6	48	2020			
II	BOTANY	GE-2	Plant Ecology and Taxonomy	8	6	48	2020	8.00	7.80	Q
	Communicative English/MIL	AECC-2	Communicative English	6	2	12	2020			
	MICROBIOLOGY CC-6		Microbial Physiology & Metabolism	8	6	48	2020			
			Cell Biology	8	6	48	2020			
III		CC-7	Molecular Biology	9	6	54	2020	8.33	8.54	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2020			
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	9	2	18	2020			
		CC-8	Microbial Genetics	9	6	54	2021			
	MICROBIOLOGY	CC-9	Environmental Microbiology	9	6	54	2021	7		
		CC-10	Food and Dairy Microbiology	9	6	54	2021	7		_
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	10	6	60	2021	9.00	9.23	Q
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	9	2	18	2021			
	Michobiology	CC-11	Industrial Microbiology	9	6	54	2021			
	MICROBIOLOGY	CC-12	Immunology	9	6	54	2021			
V	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	8	6	48	2021	8.50	8.50	Q
	DSE-2		Instrumentation and Biotechniques	8	6	48	2021			
	CC-13		Medical Microbiology	9	6	54	2022			
	MICROBIOLOGY	CC-14	Recombinant DNA Technology	9	6	54	2022	0.75	0.75	
VI	MICDODIOLOGY	DSE-3	Advances in Microbiology	8	6	48	2022	8.75	8.75	Q
IMICROBIOLOGY		Bio-Safety and Intellectual Property Rights	9	6	54	2022	7			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs: 8.22 CGPA (Cumulative Grade Point Average) on the basis of All Courses: 8.17						·	Letter Gi CGPA		Resul	t : Q

Date of Publication of Result: 29.07.2022

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



Controller of Examinations

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.

9	5000	
3		
100		20
3		
•		张松英松

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



Name: SAYANI MONDAL Roll No. 190331000086

Honours: BOTANY										
Semester	Subject	Course		Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Result
No.	Bubject	Code	Course True	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	BOTANY	CC-1	Microbiology and Phycology	7	6	42	2019			
	BOTANT	CC-2	Archegoniatae	8	6	48	2019			
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2019	7.50	7.82	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2019			
	BOTANY	CC-3	Mycology and Phytopathology	9	6	54	2020			
	BUIANI	CC-4	Morphology and Anatomy of Angiosperms	8	6	48	2020		8.40	
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2020	8.50		Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2020			
	BOTANY	CC-5	Plant Ecology and Phytogeography	10	6	60	2020			
		CC-6	Plant Systematics	9	6	54	2020			
III		CC-7	Economic Botany	9	6	54	2020	9.33	9.23	Q
	ZOOLOGY	GE-3	Physiology and Biochemistry	9	6	54	2020			
	BOTANY	SEC-1	Agricultural Botany	9	2	18	2020			
	BOTANY	CC-8	Palaeobotany & Palynology	10	6	60	2021			
		CC-9	Biomolecules and Cell Biology	10	6	60	2021	7	9.77	
IV		CC-10	Molecular Biology	10	6	60	2021	10.00		Q
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	9	6	54	2021			
	BOTANY	SEC-2	Biofertilizers	10	2	20	2021			
	BOTANY	CC-11	Plant Physiology	9	6	54	2021			
	BUIANI	CC-12	Plant Metabolism	10	6	60	2021	9.75	9.75	0
V	BOTANY	DSE-1	Reproductive Biology of Angiosperms	10	6	60	2021	9.73	9.73	Q
	BUIANI	DSE-2	Natural Resource Management	10	6	60	2021			
	BOTANY	CC-13	Genetics & Plant Breeding	9	6	54	2022			
	BUIANI	CC-14	Plant Biotechnology	9	6	54	2022	1	0.00	
VI	DOTANY	DSE-3	Plant Evolution & Biodiversity	9	6	54	2022	9.00	9.00	Q
	BOTANY	DSE-4	Industrial and Environmental Microbiology	9	6	54	2022]		
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.17 CGPA (Cumulative Grade Point Average) on the basis of All Courses : 9.04							Letter G		Resul	t : Q
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 9.04										

Date of Publication of Result : 29.07.2022
$$SGPA(S) = \frac{\sum_{i=1}^{n} (G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum_{i=1}^{N} (V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$



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

Percentage Conversion Formula: = (SGPA or CGPA \times 10) - 5.0



Name: SHROBONA ROY Roll No. 190331000088

Honours: BOTANY										
Semester	Subject	Course		Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Result
No.	Subject	Code	Course True	(G)	(V)	(G×V)		CCs & DSEs	All Courses	Code
	BOTANY	CC-1	Microbiology and Phycology	6	6	36	2019			
	DOTANT	CC-2	Archegoniatae	8	6	48	2019			
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2019	7.00	7.27	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2019			
	BOTANY	CC-3	Mycology and Phytopathology	9	6	54	2020			
	BOTANT	CC-4	Morphology and Anatomy of Angiosperms	9	6	54	2020		8.80	
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2020	9.00		Q
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2020			
		CC-5	Plant Ecology and Phytogeography	10	6	60	2020			
	BOTANY	CC-6	Plant Systematics	9	6	54	2020			
III		CC-7	Economic Botany	9	6	54	2020	9.33	9.23	Q
	ZOOLOGY	GE-3	Physiology and Biochemistry	9	6	54	2020			
	BOTANY	SEC-1	Agricultural Botany	9	2	18	2020			
	BOTANY	CC-8	Palaeobotany & Palynology	10	6	60	2021			
		CC-9	Biomolecules and Cell Biology	10	6	60	2021			
IV		CC-10	Molecular Biology	10	6	60	2021	10.00	10.00	Q
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	10	6	60	2021			
	BOTANY	SEC-2	Biofertilizers	10	2	20	2021			
	BOTANY	CC-11	Plant Physiology	9	6	54	2021			
3.7	DOTANT	CC-12	Plant Metabolism	9	6	54	2021	9.50	9.50	Q
V	BOTANY	DSE-1	Reproductive Biology of Angiosperms	10	6	60	2021	9.50	9.50	(
	BOTANT	DSE-2	Natural Resource Management	10	6	60	2021			
	BOTANY	CC-13	Genetics & Plant Breeding	9	6	54	2022			
VI	DOTAINT	CC-14	Plant Biotechnology	10	6	60	2022	9.50	9.50	Q
VI	BOTANY	DSE-3	Plant Evolution & Biodiversity	10	6	60	2022	7.50	7.50	'
	DOTAINI	DSE-4	Industrial and Environmental Microbiology	9	6	54	2022			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.22 CGPA (Cumulative Grade Point Average) on the basis of All Courses : 9.10						Letter Gi CGPA		Resul	t : Q	
	11: 4: CD 1/ 24						•			

Date of Publication of Result : 29.07.2022

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



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

Percentage Conversion Formula: = (SGPA or CGPA×10) - 5.0

*Letter Grade in CGPA is awarded on the basis

of CCs and DSEs



Name: SHYAMALI LET Roll No. 190331000089

			Honours: CHEMISTRY	Ϋ́						
Semester	Subject	Course	Course Title		Credit Value	Grade Point	Credit Retained	bas	on the	Result
No.	Subject	Code	Course Title	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	CHEMISTRY	CC-1	Organic Chemistry-I	6	6	36	2019			
	CHEWISTKT	CC-2	Physical Chemistry-I	6	6	36	2019	6.00		
I	PHYSICS	GE-1	Mechanics	5	6	30	2019		5.55	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	5	4	20	2019			
	CHEMISTRY	CC-3	Inorganic Chemistry-I	8	6	48	2020			
	CHEMISTRI	CC-4	Organic Chemistry-II	8	6	48	2020			
II	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2020	8.00	7.80	Q
	Communicative English/MIL	AECC-2	Bengali	6	2	12	2020			
		CC-5	Physical Chemistry-II	8	6	48	2020			
	CHEMISTRY	CC-6	Inorganic Chemistry-II	6	6	36	2020		6.31	
III		CC-7	Organic Chemistry-III	6	6	36	2020	6.67		Q
	MATHEMATICS	GE-3	Real Analysis	5	6	30	2020			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	7	2	14	2020			
	CHEMISTRY	CC-8	Physical Chemistry-III	9	6	54	2021		8.23	
		CC-9	Inorganic Chemistry-III	8	6	48	2021			
IV		CC-10	Organic Chemistry - IV	8	6	48	2021	8.33		Q
	MATHEMATICS	GE-4	Algebra	8	6	48	2021			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	8	2	16	2021			
	CHEMISTRY	CC-11	Inorganic Chemistry-IV	7	6	42	2021			
* 7	CHEWISTKI	CC-12	Organic Chemistry-V	7	6	42	2021	8.00	8.00	Q
V	CHEMISTRY	DSE-1	Advanced Physical Chemistry	9	6	54	2021	8.00	8.00	(
	CHEMISTRI	DSE-2	Analytical Methods in Chemistry	9	6	54	2021			
	CHEMISTRY	CC-13	Inorganic Chemistry-V	9	6	54	2022			
371	CHEWIISTKI	CC-14	Physical Chemistry-IV	9	6	54	2022	9.25	9.25	Q
VI	CHEMISTRY	DSE-3	Green Chemistry	10	6	60	2022	9.23	7.43	(
	CHEWIISTKI	DSE-4	Dissertation Followed by Power Point Presentation	9	6	54	2022			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.89 CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.54							Letter Gr CGPA		Resul	t : Q
CGPA (Cur	nulative Grade Point Avera	age) on the ba	sis of All Courses : 7.54				CGPA	: A		

Date of Publication of Result : 29.07.2022

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



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



Name: SIRSHENDU MONDAL Roll No. 190331000090

Honours: CHEMISTRY										
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	ba	on the	Result
No.	Subject	Code	Course True	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	CHEMISTRY	CC-1	Organic Chemistry-I	7	6	42	2019			
	CC-2		Physical Chemistry-I	6	6	36	2019			
I	MATHEMATICS	GE-1	Differential Calculus		6	36	2019	6.50	6.27	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2019			
	CHEMISTRY	CC-3	Inorganic Chemistry-I	8	6	48	2020			
	CHEWISTKI	CC-4	Organic Chemistry-II	8	6	48	2020			Q
II	MATHEMATICS	GE-2	Differential Equations	8	6	48	2020	8.00	7.80	
	Communicative English/MIL AECC-2 C		Communicative English	6	2	12	2020			
		CC-5	Physical Chemistry-II	9	6	54	2020			
	CHEMISTRY	CC-6	Inorganic Chemistry-II	8	6	48	2020			
III		CC-7	Organic Chemistry-III	8	6	48	2020	8.33	8.23	Q
	PHYSICS GE-3		Thermal Physics and Statistical Mechanics	8	6	48	2020			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	8	2	16	2020			
		CC-8	Physical Chemistry-III	9	6	54	2021			
	CHEMISTRY	CC-9	CC-9 Inorganic Chemistry-III		6	54	2021			
IV		CC-10	Organic Chemistry - IV	9	6	54	2021	9.00	9.00	Q
	PHYSICS	GE-4	Waves and Optics	9	6	54	2021			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	9	2	18	2021			
	CHEMISTRY	CC-11	Inorganic Chemistry-IV	9	6	54	2021			
	CHEMISTRY	CC-12	Organic Chemistry-V	9	6	54	2021	9.25	9.25	
V	CHEMISTRY	DSE-1	Advanced Physical Chemistry	10	6	60	2021	9.23	9.23	Q
	CHEMISTRY	DSE-2	Analytical Methods in Chemistry	9	6	54	2021			
	CHEMICTRY	CC-13	Inorganic Chemistry-V	8	6	48	2022			
	CHEMISTRY	CC-14	Physical Chemistry-IV	9	6	54	2022	0.00	0.00	
VI	CHEMISTRY	DSE-3	Green Chemistry	10	6	60	2022	9.00	9.00	Q
	CHEMISTRY	DSE-4	Dissertation Followed by Power Point Presentation	9	6	54	2022			
	CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs: 8.56 CGPA (Cumulative Grade Point Average) on the basis of All Courses: 8.31						Letter Gi CGPA		Recitif • ()	

Date of Publication of Result: 29.07.2022

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



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	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: SK HOMIYO JAHANGIR Roll No. 190331000091

			Honours: MATHEMATI	CS						
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Result
No.		Code		(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2019			
	MATHEMATICS	CC-2	Algebra	4	6	24	2019			
I	PHYSICS	GE-1	Mechanics	6	6	36	2019	4.00	4.91	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2019			
	MATHEMATICS	CC-3	Real Analysis	7	6	42	2020			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	7	6	42	2020			Q
II	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2020	7.00	7.20	
	Communicative English/MIL	AECC-2	Bengali	6	2	12	2020			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	10	6	60	2020			
	MATHEMATICS	CC-6	Group Theory I	10	6	60	2020			_
III	III CC-7 CHEMISTRY GE-3		Numerical Methods	10	6	60	2020	10.00	9.77	Q
			Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2020			
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2020			
			Riemann Integration and Series of Functions	10	6	60	2021			
	MATHEMATICS	CC-9	Multivariate Calculus	10	6	60	2021			
		CC-10	Ring Theory and Linear Algebra I	10	6	60	2021			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	10	6	60	2021	10.00	10.00	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2021			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2021			
	MATHEMATICS	CC-12	Mechanics I	10	6	60	2021	9.75	9.75	
V	MATHEMATICS	DSE-1	Linear Programming	10	6	60	2021	9.73	9.73	Q
	MATHEMATICS	DSE-2	Probability & Statistics	10	6	60	2021			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2022			
* **	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2022	10.00	10.00	
VI	MATHEMATICS	DSE-3	Project Work	10	6	60	2022	10.00	10.00	Q
	MATHEMATICS	DSE-4	Mechanics II	10	6	60	2022			
	CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs: 8.94 CGPA (Cumulative Grade Point Average) on the basis of All Courses: 8.73						Letter G			
COLA (CUI	natative Grade I Gill AVEI	uge) on the ba	515 OI / III COULSCS . U. / J							

Date of Publication of Result : 29.07.2022
$$SGPA(S) = \frac{\sum_{i=1}^{n} (G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum_{i=1}^{N} (V_i \times S_i)}{\sum_{i=1}^{N} V_i}$$



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.

国的安全会会共和党会会会

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

Percentage Conversion Formula: = (SGPA or CGPA \times 10) - 5.0

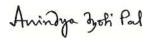


Name: SK TOUSIFUDDIN Roll No. 190331000092

			Honours: ZOOLOGY							
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the	Resul
No.	Subject	Code	de		(V)	(G×V)	Year	CCs & DSEs	All Courses	- 1
	ZOOLOGY	CC-1	Non-chordates I	7	6	42	2019			
	ZOOLOGI	CC-2	Ecology	7	6	42	2019			
ENVIDONMENTAL		GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2019	7.00	7.55	Q
		AECC-1	Fundamentals of Environmental Studies	7	4	28	2019			
	ZOOLOGY CC-3 Non-chordates II		Non-chordates II	8	6	48	2020			
	ZOOLOGI	CC-4	Cell Biology	8	6	48	2020			
II	II CHEMISTRY GE-2 Communicative English/MIL AECC-2		States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2020	8.00	8.40	Q
			Bengali	9	2	18	2020			
		CC-5	Chordates	9	6	54	2020			
	ZOOLOGY	CC-6	Animal Physiology: Controlling and Coordinating Systems	8	8 6 7 6	48	2020	0.00	0.00	
III	I CC-7		Fundamentals of Biochemistry		6	42	2020	8.00	8.08	Q
	BOTANY	GE-3	Plant Anatomy and Embryology	8	6	48	2020			
	ZOOLOGY	SEC-1	Apiculture	9	2	18	2020			
		CC-8	Comparative Anatomy of Vertebrates	9	6	54	2021			
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	9	6	54	2021			Q
IV		CC-10	Immunology	9	6	54	2021	9.00	9.00	
	BOTANY	GE-4	Plant Physiology and Metabolism	9	6	54	2021			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	9	2	18	2021			
	ZOOLOGY	CC-11	Molecular Biology	10	6	60	2021			
v	ZOOLOGI	CC-12	Genetics	8	6	48	2021	9.00	9.00	Q
V	ZOOLOGY	DSE-1	Animal Biotechnology	9	6	54	2021	9.00	9.00	Į Ų
	ZOOLOGI	DSE-2	Parasitology	9	6	54	2021			
	ZOOLOGY	CC-13	Developmental Biology	9	6	54	2022			
3.77	ZOOLOG I	CC-14	Evolutionary Biology	8	6	48	2022	8.75	Q 75	Q
VI	ZOOLOGY	DSE-3 Animal Behaviour		9	6	54	2022	6.73	8.75	(
	ZOOLOGY		Endocrinology 9 6 54				2022			
		_	sis of CCs & DSEs : 8.44 sis of All Courses : 8.48				Letter Gi CGPA		Resul	t : Q

Date of Publication of Result: 29.07.2022

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



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.

回题新出版系统的 数据回	Grad	de Poi	nt Norms		
	90% to 100%	10	80% and above but below 90%	9 1	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 : SK ZAHEDUR RAHAMAN Roll No. 190331000093

			Honours: PHYSICS							
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Result
No.	Subject	Code	Course Title	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	PHYSICS	CC-1	Mathematical Physics-I	6	6	36	2019			
	ririsics	CC-2	Mechanics	7	6	42	2019			
I	I CHEMISTRY GE-		omic Structure, Chemical Periodicity, Acids And ses, Redox Reactions, General Organic emistry & Aliphatic Hydrocarbons		6	54	2019	6.50	7.27	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies 7 4 28 2		2019					
	PHYSICS	CC-3	Electricity and Magnetism	8	6	48	2020			
	rnisics	CC-4	Waves and Optics	8	6	48	2020			
II	II CHEMISTRY GE-2		States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2020	8.00	8.40	Q
Communicative English/MIL AECC-2			Bengali	9	2	18	2020			
		CC-5	Mathematical Physics-II	9	6	54	2020			
	PHYSICS	CC-6	Thermal Physics	9	6	54	2020			
III	III CO		Digital Systems and Applications	9	6	54	2020	9.00	8.77	Q
	MATHEMATICS			8	6	48	2020			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	9	2	18	2020			
		CC-8 Mathematical Physics-III		9	6	54	2021			
	PHYSICS	CC-9	Elements of Modern Physics	9	6	54	2021			Q
IV		CC-10	Analog Systems & Applications	9	6	54	2021	9.00	9.15	
	MATHEMATICS	GE-4	Algebra	10	6	60	2021			
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	8	2	16	2021			
	PHYSICS	CC-11	Quantum Mechanics and Applications	10	6	60	2021			
***	rnisics	CC-12	Solid State Physics	9	6	54	2021	9.50	9.50	Q
V	PHYSICS	DSE-1	Advanced Mathematical Physics	10	6	60	2021	9.50	9.50	(
	rnisics	DSE-2	Classical Dynamics	9	6	54	2021			
	PHYSICS	CC-13	Electromagnetic Theory	9	6	54	2022			
7/1	1113103	CC-14	Statistical Mechanics	9	6	54	2022	9.25	0.25	
VI	PHYSICS	DSE-3	Nuclear and Particle Physics		6	60	2022	9.23	9.25	Q
	DSE-4 Astronomy and Astrophy		Astronomy and Astrophysics	9	6	54	2022			
	CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs: 8.78 CGPA (Cumulative Grade Point Average) on the basis of All Courses: 8.76							tter Grade in CGPA : A+ Result :		t : Q
COFA (CUI	nuiative Graue Point Avera	ige) on the ba	SIS OF AIT COURSES . 0.70				JOIA			

Date of Publication of Result : 29.07.2022

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



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

Percentage Conversion Formula: = (SGPA or CGPA×10) - 5.0



Name: SNEHASISH BHANDARI Roll No. 190331000094

			Honours: MICROBIOLO	GY							
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Result	
No.	Subject	Code	Course True	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code	
	MICROBIOLOGY	CC-1	Introduction to Microbiology and Microbial Diversity	6	6	36	2019				
		CC-2	Bacteriology	8	6	48	2019				
I	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	8	6	48	2019	7.00	7.09	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2019				
	MICROBIOLOGY	CC-3	Biochemistry	9	6	54	2020				
	MICROBIOLOGI	CC-4	Virology	9	6	54	2020				
II	BOTANY	GE-2	Plant Ecology and Taxonomy	8	6	48	2020	9.00	8.50	Q	
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2020				
	MICROBIOLOGY	CC-5	Microbial Physiology & Metabolism	9	6	54	2020				
		CC-6	Cell Biology	9	9 6		2020				
III		CC-7	Molecular Biology	8	6	48	2020	8.67	8.46	Q	
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	48	2020						
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	8	2	16	2020				
		CC-8	Microbial Genetics	9	6	54	2021				
	MICROBIOLOGY	CC-9	Environmental Microbiology	9	6	54	2021				
		CC-10	Food and Dairy Microbiology	9	6	54	2021			_	
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2021	9.00 9.00		Q	
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	9	2	18	2021				
	Manoniorody	CC-11	Industrial Microbiology	8	6	48	2021				
	MICROBIOLOGY	CC-12	Immunology	9	6	54	2021				
V	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	8	6	48	2021	8.25	8.25	Q	
		DSE-2	Instrumentation and Biotechniques	8	6	48	2021	1			
	MICROPIOLOGY	CC-13	Medical Microbiology	8	6	48	2022				
	MICROBIOLOGY	CC-14	Recombinant DNA Technology	8	6	48	2022	0.00	0.00		
VI	MICROPIOLOGY	DSE-3	Advances in Microbiology		6	48	2022	8.00	8.00	Q	
	MICROBIOLOGY		Y DSE-3 Advances in Microbiology 8 6 4 DSE-4 Bio-Safety and Intellectual Property Rights 8 6 4				2022				
			sis of CCs & DSEs : 8.33				Letter Gi CGPA		Resul	t : Q	
CGPA (Cur	nulative Grade Point Avera	age) on the ba	sis of All Courses : 8.24				CGPA	: A+		•	

Date of Publication of Result: 29.07.2022

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



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



Name: SOUGATA CHAKRABORTY Roll No. 190331000096

			Honours: PHYSICS									
Semester	Subject	Course			Credit Value	Grade Point	Credit Retained	bas	on the	Result		
No.	Coo		Course Title		(V)	(G×V)	Year	CCs & DSEs	All Code Courses	Code		
	PHYSICS	CC-1	Mathematical Physics-I	6	6	36	2019					
I	ririsics	CC-2	Mechanics	8	6	48	2019					
I	MATHEMATICS	GE-1	Differential Calculus	7	6	42	2019	7.00	7.00	Q		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2019					
	PHYSICS	CC-3	Electricity and Magnetism	8	6	48	2020					
	PHISICS	CC-4	Waves and Optics	8	6	48	2020					
II	MATHEMATICS	GE-2	Differential Equations	8	6	48	2020	8.00	8.00	Q		
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2020					
	PHYSICS	CC-5	Mathematical Physics-II	9	6	54	2020	2020				
		CC-6	Thermal Physics	9	6	54	2020					
III		CC-7	Digital Systems and Applications	9	6	54	2020	9.00	9.23	Q		
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	10	6	60	2020					
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	9	2	18	2020					
		CC-8	Mathematical Physics-III	9	6	54	2021					
	PHYSICS	CC-9	Elements of Modern Physics	9	6	54	2021					
		CC-10	Analog Systems & Applications	9	6	54	2021					
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2021	9.00	9.00	Q		
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	9	2	18	2021					
	PHYSICS	CC-11	Quantum Mechanics and Applications	10	6	60	2021					
	PHYSICS	CC-12	Solid State Physics	9	6	54	2021	9.75	9.75			
V	PHYSICS	DSE-1	Advanced Mathematical Physics	10	6	60	2021	9.73	9.73	Q		
	PHISICS	DSE-2	Classical Dynamics	10	6	60	2021					
	PHYSICS	CC-13	Electromagnetic Theory	9	6	54	2022					
	PHISICS	CC-14	Statistical Mechanics	9	6	54	2022	9.25	9.25			
VI	PHYSICS	DSE-3	Nuclear and Particle Physics	10	6	60	2022	9.23	9.23	Q		
	rn i sics	DSE-4	Astronomy and Astrophysics	9	6	54	2022					
		_	sis of CCs & DSEs : 8.89				Letter Grade in CGPA : A+		Result : Q			
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.76												

Date of Publication of Result : 29.07.2022

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



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.

	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 Awarded (NA)	

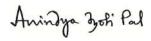


Name: SOUMADEEP BORAL Roll No. 190331000097

			Honours: ZOOLOGY								
Semester	Subject	Course	Course Title	Grade (G)	Credit Value	Grade Point	Credit Retained	bas	on the	Result	
No.	Subject	Code	Course Time		(V)	(G×V)	Year	CCs & DSEs	All Courses	Code	
	ZOOLOGY	CC-1	Non-chordates I	7	6	42	2019				
	ZOOLOGI	CC-2	Ecology	7	6	42	2019				
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2019	7.00	7.55	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	J 1 J							
	ZOOLOGY	CC-3	Non-chordates II	8	6	48	2020				
	ZOOLOGI	CC-4	Cell Biology	8	6	48	2020				
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2020	8.00	8.40	Q	
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2020				
	ZOOLOGY	CC-5	Chordates	8	6	48	2020				
		CC-6	Animal Physiology: Controlling and Coordinating Systems	9	6	54	2020	0.00	0.21		
III		CC-7	Fundamentals of Biochemistry	7	6	42	2020	8.00	8.31	Q	
	BOTANY	GE-3	Plant Anatomy and Embryology	9	6	54	2020				
	ZOOLOGY	SEC-1	Apiculture	9	2	18	2020				
		CC-8	Comparative Anatomy of Vertebrates	9	6	54	2021				
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	9	6	54	2021				
IV		CC-10	Immunology	9	6	54	2021	9.00	9.00	Q	
	BOTANY	GE-4	Plant Physiology and Metabolism	9	6	54	2021				
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	9	2	18	2021				
	ZOOLOGY	CC-11	Molecular Biology	10	6	60	2021				
v	ZOOLOGI	CC-12	Genetics	9	6	54	2021	9.25	9.25	Q	
v	ZOOLOGY	DSE-1	Animal Biotechnology	9	6	54	2021	7.23	7.23		
	ZOOLOGI	DSE-2	Parasitology	9	6	54	2021				
	ZOOLOGY	CC-13	Developmental Biology	10	6	60	2022				
VI	LOOLOGI	CC-14	Evolutionary Biology	8	6	48	2022	9.25	9.25	Q	
V 1	ZOOLOGY	DSE-3	Animal Behaviour	9	6	54	2022 9.25		9.25	(
	LOOLOGI	DSE-4	Endocrinology	10	6	60	2022				
			sis of CCs & DSEs : 8.61 sis of All Courses : 8.65				Letter Gi CGPA		Resul	Result : Q	
C3171 (Cui	manarite Grade I offit Aver	u ₅ c) on the ba	on or the courses . Otto								

Date of Publication of Result : 29.07.2022

$$SGPA\left(S\right) = \frac{\sum\limits_{i=1}^{n}(G_{i} \times V_{i})}{\sum\limits_{i=1}^{n}V_{i}} \qquad CGPA = \frac{\sum\limits_{i=1}^{N}(V_{i} \times S_{i})}{\sum\limits_{i=1}^{N}V_{i}}$$



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.

	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 Awar	ded (NA)	



Name: SRIJITA PAL Roll No. 190331000098

			Honours: MICROBIOLO	GY						
Semester	Subject	Course	Course Title	Grade	Credit Value (V)	Grade Point	Credit Retained	bas	on the	Result
No.	Subject	Code	Course True	(G)		(G×V)	Year	CCs & DSEs	All Courses	Code
	MICROBIOLOGY	CC-1	Introduction to Microbiology and Microbial Diversity	7	6	42	2019			
		CC-2	Bacteriology	7	6	42	2019			
I	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	8	6	48	2019	7.00	7.27	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2019			
	MICROBIOLOGY	CC-3	Biochemistry	9	6	54	2020		8.50	
	MICROBIOLOGY	CC-4	Virology	9	6	54	2020			
II	BOTANY	GE-2	Plant Ecology and Taxonomy	8	6	48	2020	9.00		Q
	Communicative English/MIL AECC-2		Communicative English	7	2	14	2020			
	MICROBIOLOGY	CC-5	Microbial Physiology & Metabolism	9	6	54	2020			
		CC-6	Cell Biology	8	6	48	2020			
III		CC-7	Molecular Biology	8	6	48	2020	8.33	8.46	Q
	CHEMISTRY GE-3		Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2020			
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	8	2	16	2020			
	MICROBIOLOGY	CC-8	Microbial Genetics	9	6	54	2021			
		CC-9	Environmental Microbiology	9	6	54	2021			
		CC-10	Food and Dairy Microbiology	9	6	54	2021			_
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2021	9.00 9.00		Q
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	9	2	18	2021			
	Michobiology	CC-11	Industrial Microbiology	8	6	48	2021			
	MICROBIOLOGY	CC-12	Immunology	9	6	54	2021			
V	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	8	6	48	2021	8.50	8.50	Q
		DSE-2	Instrumentation and Biotechniques	9	6	54	2021			
	Michobiology	CC-13	Medical Microbiology	8	6	48	2022			
	MICROBIOLOGY	CC-14	Recombinant DNA Technology	9	6	54	2022	1	0.75	
VI	MICROPIOLOGY	DSE-3	Advances in Microbiology	9	6	54	2022	8.75	8.75	Q
	MICROBIOLOGY	DSE-4	Bio-Safety and Intellectual Property Rights	9	6	54	2022	1		
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.50 CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.44						Letter Grade in CGPA : A+		Resul	sult : Q	

Date of Publication of Result: 29.07.2022

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



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



Name: SUBHADEEP GHOSH Roll No. 190331000099

Honours: BOTANY										
Semester	Subject	Course			Credit Value	Grade Point	Credit Retained	bas	on the	Result
No.	Subject	Code	Course Title	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	BOTANY	CC-1	Microbiology and Phycology	6	6	36	2019			
	BOTANT	CC-2	Archegoniatae	7	6	42	2019			
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2019	6.50	7.27	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2019			
	BOTANY	CC-3	Mycology and Phytopathology	8	6	48	2020			
	DOTANT	CC-4	Morphology and Anatomy of Angiosperms	8	6	48	2020			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2020	8.00	8.00	Q
	Communicative English/MIL AECC-2		Bengali	8	2	16	2020			
	BOTANY	CC-5	Plant Ecology and Phytogeography	9	6	54	2020			
		CC-6	Plant Systematics	8	6	48	2020	_		
III		CC-7	Economic Botany	8	6	48	2020	8.33	8.23	Q
	ZOOLOGY	GE-3	Physiology and Biochemistry	8	6	48	2020			
	BOTANY	SEC-1	Agricultural Botany	8	2	16	2020			
		CC-8	Palaeobotany & Palynology	9	6	54	2021			
	BOTANY	CC-9	Biomolecules and Cell Biology	9	6	54	2021			
IV		CC-10	Molecular Biology	9	6	54	2021	9.00	9.08	Q
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	9	6	54	2021			
	BOTANY	SEC-2	Biofertilizers	10	2	20	2021			
	BOTANY	CC-11	Plant Physiology	8	6	48	2021			
v	BOTANT	CC-12	Plant Metabolism	8	6	48	2021	8.50	8.50	Q
V	BOTANY	DSE-1	Reproductive Biology of Angiosperms	9	6	54	2021	0.50	0.50	
	BOTANT	DSE-2	Natural Resource Management	9	6	54	2021			
	BOTANY	CC-13	Genetics & Plant Breeding	8	6	48	2022			
371	DOTAINT	CC-14	Plant Biotechnology	7	6	42	2022	7.75	7.75	Q
VI	BOTANY	DSE-3	Plant Evolution & Biodiversity	8	6	48	2022	1.13	1.13	
	DOTAINT	DSE-4	Industrial and Environmental Microbiology	8	6	48	2022			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs: 8.11 CGPA (Cumulative Grade Point Average) on the basis of All Courses: 8.17					Letter Grade in CGPA : A+		Result : Q			
COLY (CIII	munative Grade Form Avera	ige) on the ba	SIS OF ALL COURSES . U.1				00111			

Date of Publication of Result : 29.07.2022

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



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

Percentage Conversion Formula: = (SGPA or CGPA×10) - 5.0



Name: SUBHRAJIT CHOWDHURY

Roll No. 190331000100

			Honours: CHEMISTR	Y						
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	SGPA on the basis of		Result
No.	Subject	Code	Course True	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	CHEMISTRY	CC-1	Organic Chemistry-I	9	6	54	2019			
	CHEMISTRI	CC-2	Physical Chemistry-I	7	6	42	2019			
I	MATHEMATICS	GE-1	Differential Calculus	6	6	36	2019	8.00	7.27	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2019			
	CHEMISTRY	CC-3	Inorganic Chemistry-I	9	6	54	2020		8.90	
	CHEMISTRI	CC-4	Organic Chemistry-II	9	6	54	2020			
II	MATHEMATICS	GE-2	Differential Equations	9	6	54	2020	9.00		Q
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2020			
	III CHEMISTRY PHYSICS	CC-5	Physical Chemistry-II	9	6	54	2020			
		CC-6	Inorganic Chemistry-II	10	6	60	2020		9.38	
III		CC-7	Organic Chemistry-III	10	6	60	2020	9.67		Q
		GE-3	Thermal Physics and Statistical Mechanics	9	6	54	2020			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	8	2	16	2020	<u> </u>		
	CHEMISTRY	CC-8	Physical Chemistry-III	10	6	60	2021	10.00	10.00	
		CC-9	Inorganic Chemistry-III	10	6	60	2021			
IV		CC-10	Organic Chemistry - IV	10	6	60	2021			Q
	PHYSICS	GE-4	Waves and Optics	10	6	60	2021			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	10	2	20	2021			
	CHEMISTRY	CC-11	Inorganic Chemistry-IV	9	6	54	2021			
**	CHEMISTRI	CC-12	Organic Chemistry-V	9	6	54	2021	9.25	9.25	Q
V	CHEMISTRY	DSE-1	Advanced Physical Chemistry	10	6	60	2021	9.23	9.23	(
	CHEMISTRI	DSE-2	Analytical Methods in Chemistry	9	6	54	2021			
	CHEMISTRY	CC-13	Inorganic Chemistry-V	9	6	54	2022			
7.77	CHEMISTKI	CC-14	Physical Chemistry-IV	9	6	54	2022	9.00	9.00	Q
VI	CHEMISTRY	DSE-3	Green Chemistry	9	6	54	2022	9.00	9.00	(
	CHEWIISTKI	DSE-4	Dissertation Followed by Power Point Presentation	9	6	54	2022			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs: 9.22 CGPA (Cumulative Grade Point Average) on the basis of All Courses: 9.01					Letter Grade in CGPA: O		Resul	t : Q		

Date of Publication of Result : 29.07.2022

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



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



Name: SUBIR SAIN Roll No. 190331000101

			Honours: MATHEMATI	CS						
Semester	Subject	Course Code	Course Title	Grade (G)	Credit Value	Grade Point	Credit Retained	bas	on the	Result
No.	Code				(V)	$(\mathbf{G} \times \mathbf{V})$	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	10	6	60	2020			
	WATHEWATICS	CC-2	Algebra	10	6	60	2020		i	
I	PHYSICS	GE-1	Mechanics	6	6	36	2019	10.00 8.36	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2019			
	MATHEMATICS	CC-3	Real Analysis	6	6	36	2020			
	WATHEWATICS	CC-4	Differential Equations and Vector Calculus	6	6	36	2020			
II	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2020	6.00	6.70	Q
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2020			
Ш		CC-5	Theory of Real Functions & Introduction to Metric Spaces	10	6	60	2020			
	MATHEMATICS	CC-6	Group Theory I	10	6	60	2020			_
		CC-7	Numerical Methods	10	6	60	2020	10.00	9.77	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2020			
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2020			
		CC-8	Riemann Integration and Series of Functions	10	6	60	2021			
		CC-9	Multivariate Calculus	10	6	60	2021			
		CC-10	Ring Theory and Linear Algebra I	10	6	60	2021			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	10	6	60	2021	10.00	10.00	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2021			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2021			
	MATHEMATICS	CC-12	Mechanics I	10	6	60	2021	9.75	9.75	
V	MATHEMATICS	DSE-1	Linear Programming	10	6	60	2021	9.73	9.73	Q
	MATHEMATICS	DSE-2	Probability & Statistics	10	6	60	2021			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2022			
	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2022	1,000	10.00	
VI	MATHEMATICS	DSE-3	Project Work	10	6	60	2022	10.00	10.00	Q
	MATHEMATICS DSE-4		Mechanics II	10	6	60	2022			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.50 CGPA (Cumulative Grade Point Average) on the basis of All Courses : 9.20					Letter Grade in CGPA : O		Resul	Result : Q		
CGPA (Cun	nulative Grade Point Aver	age) on the ba	sis of All Courses : 9.20				CGPA	:0	IXCSUI	<u>v</u>

Date of Publication of Result : 29.07.2022

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



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

Percentage Conversion Formula: = (SGPA or CGPA×10) - 5.0

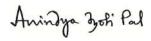


Name: SUBRATA PAL Roll No. 190331000102

			Honours: ZOOLOGY								
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Result	
No.	Code	Course Time		(G) (V)		Year	CCs & DSEs	All Courses	Code		
	ZOOLOGY	CC-1	Non-chordates I	7	6	42	2019				
	ZOOLOGT	CC-2	Ecology	7	6	42	2019				
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2019	7.00 7.55	7.55	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2019				
	ZOOLOGY	CC-3	Non-chordates II	9	6	54	2020				
	ZOOLOGI	CC-4	Cell Biology	8	6	48	2020				
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2020	8.50	8.70	Q	
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2020				
	ZOOLOGY	CC-5	Chordates	9	6	54	2020				
		CC-6	Animal Physiology: Controlling and Coordinating Systems	9	6	54	2020		0.20		
III		CC-7	Fundamentals of Biochemistry	7	6	42	2020	8.33	8.38	Q	
	BOTANY	GE-3	Plant Anatomy and Embryology	9	6	54	2020				
	ZOOLOGY	SEC-1	Apiculture	7	2	14	2020				
		CC-8	Comparative Anatomy of Vertebrates	9	6	54	2021				
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	9	6	54	2021				
IV		CC-10	Immunology	8	6	48	2021	8.67	8.77	Q	
	BOTANY	GE-4	Plant Physiology and Metabolism	9	6	54	2021				
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	9	2	18	2021				
	ZOOLOGY	CC-11	Molecular Biology	10	6	60	2021				
V	ZOOLOGI	CC-12	Genetics	9	6	54	2021	9.25	9.25	Q	
V	ZOOLOGY	DSE-1	Animal Biotechnology	9	6	54	2021).23	7.23		
	ZOOLOGI	DSE-2	Parasitology	9	6	54	2021				
	ZOOLOGY	CC-13	Developmental Biology	10	6	60	2022				
VI	LOOLOGI	CC-14	Evolutionary Biology	8	6	48	2022	9.25	9.25	Q	
V 1	ZOOLOGY	DSE-3	Animal Behaviour	9	6	54	2022	9.23		~	
DSI		DSE-4	Endocrinology	10	6	60	2022				
		<i>U</i> ,	sis of CCs & DSEs : 8.67 sis of All Courses : 8.66				Letter Grade in CGPA : A+		Resul	Result : Q	
CGPA (Cur	nulative Grade Point Aver	age) on the ba	sis of All Courses : 8.66				CGPA	; A+			

Date of Publication of Result : 29.07.2022

$$SGPA\left(S\right) = \frac{\sum\limits_{i=1}^{n}(G_{i}\times V_{i})}{\sum\limits_{i=1}^{n}V_{i}} \qquad CGPA = \frac{\sum\limits_{i=1}^{N}(V_{i}\times S_{i})}{\sum\limits_{i=1}^{N}V_{i}}$$



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/ard 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
# 34 C	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 : SUDIPA ROY Roll No. 190331000103

			Honours: BOTANY							
Semester	Subject	Course	Course Title		Credit Value	Grade Point	Credit Retained	ba	A on the sis of	Result
No.	Code	Code			(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	BOTANY	CC-1	Microbiology and Phycology	5	6	30	2019			
	BUIANI	CC-2	Archegoniatae	6	6	36	2019			
I	ZOOLOGY	GE-1	Animal Diversity	5	6	30	2019	5.50 5.27		Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	5	4	20	2019			
	DOTANY	CC-3	Mycology and Phytopathology	8	6	48	2020			
	BOTANY	CC-4	Morphology and Anatomy of Angiosperms	8	6	48	2020			
II	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	7	6	42	2020	8.00	7.70	Q
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2020			
III		CC-5	Plant Ecology and Phytogeography	9	6	54	2020			
	BOTANY	CC-6	Plant Systematics	8	6	48	2020			
		CC-7	Economic Botany	8	6	48	2020	8.33	8.69	Q
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	10	6	60	2020			
	BOTANY	SEC-1	Agricultural Botany	8	2	16	2020			
		CC-8	Palaeobotany & Palynology	10	6	60	2021			
	BOTANY	CC-9	Biomolecules and Cell Biology	9	6	54	2021			
IV		CC-10	Molecular Biology	10	6	60	2021	9.67	9.69	Q
1 V	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	10	6	60	2021	7.07	7.07	
	BOTANY	SEC-2	Biofertilizers	9	2	18	2021			
	BOTANY	CC-11	Plant Physiology	9	6	54	2021			
	BUIANY	CC-12	Plant Metabolism	9	6	54	2021	9.00	9.00	Q
V	BOTANY	DSE-1	Reproductive Biology of Angiosperms	9	6	54	2021	9.00	9.00	(
	BOTANT	DSE-2	Natural Resource Management	9	6	54	2021			
	BOTANY	CC-13	Genetics & Plant Breeding	9	6	54	2022			
	BUIANI	CC-14	Plant Biotechnology	8	6	48	2022	1 0.50	0.50	
VI	DOTANY	DSE-3	Plant Evolution & Biodiversity	9	6	54	2022	8.50	8.50	Q
	BOTANY	DSE-4	Industrial and Environmental Microbiology	8	6	48	2022			
	CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs: 8.39 CGPA (Cumulative Grade Point Average) on the basis of All Courses: 8.23					Letter Gr CGPA		Resul	t : Q	

Date of Publication of Result: 29.07.2022

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



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		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%
70% and above but below 80%
50% and above but below 60%
35% and above but below 40%

Grade Point Norms								
0% to 100%	10	80% and above but below 90%	9					
0% and above but below 80%	8	60% and above but below 70%	7					
0% and above but below 60%	6	40% and above but below 50%	5					
5% and above but below 40%	4	Below 35%	Not Awarded (NA)					



Name: SUJAN KUMAR MONDAL Roll No. 190331000104

			Honours: MATHEMATI	CS						
Semester	Subject	Course	Course Title	Grade (G)	Credit Value		Credit Retained	bas	on the	Result
No.	Subject	Code	Course Title		(V)	(G×V)		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	6	6	36	2019	10.00	8.18	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2019			
	MATHEMATICS	CC-3	Real Analysis	6	6	36	2020			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	6	6	36	2020			
II	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2020	6.00 6.70	6.70	Q
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2020			
	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	10	6	60	2020			
		CC-6	Group Theory I	9	6	54	2020			
III		CC-7	Numerical Methods	10	6	60	2020	9.67	9.54	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2020			
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2020			
	<u> </u>	CC-8	Riemann Integration and Series of Functions	10	6	60	2021			
		CC-9	Multivariate Calculus	10	6	60	2021			
		CC-10	Ring Theory and Linear Algebra I	10	6	60	2021			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	10	6	60	2021	10.00	10.00	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2021			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2021			
	MATHEMATICS	CC-12	Mechanics I	10	6	60	2021	0.50	0.50	
V	MATHEMATICS	DSE-1	Linear Programming	9	6	54	2021	9.50	9.50	Q
	MATHEMATICS	DSE-2	Probability & Statistics	10	6	60	2021			
	A A THE A A THOU	CC-13	Metric Spaces and Complex Analysis	10	6	60	2022			
	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2022	10.00	10.00	
VI	MATHEMATICS	DSE-3	Project Work	10 6 60 2022	10.00	10.00	Q			
	MATHEMATICS	DSE-4	Mechanics II	10	6	60	2022			
	CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.39 CGPA (Cumulative Grade Point Average) on the basis of All Courses : 9.08				Letter Grade in CGPA : O		Result : Q			
CGPA (Cur	nulative Grade Point Avera	ge) on the ba	sis of All Courses : 9.08				CGIA	•••		

Date of Publication of Result : 29.07.2022

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



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

Percentage Conversion Formula: = (SGPA or CGPA×10) - 5.0

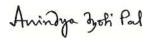


Name : SUKDEB DAS Roll No. 190331000105

			Honours: MATHEMATI	CS																			
Semester	Subject	Subject Course	Course Title	Grade (G)	Credit Value	Grade Point	Credit Retained	bas	on the	Resul													
No.	Subject	Code	ode Course Title		(V)	(G×V)	Year	CCs & DSEs	All Courses	Code													
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2019																
	WATHEWATICS	CC-2	Algebra	4	6	24	2019																
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2019	4.00	5.18	Q													
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2019																
	MATHEMATICS	CC-3	Real Analysis	7	6	42	2020																
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	7	6	42	2020																
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2020	7.00	7.00	7.10	Q												
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2020																
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	10	6	60	2020																
	MATHEMATICS	CC-6	Group Theory I	10	6	60	2020	10.00															
III		CC-7	Numerical Methods	10	6	60	2020	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.77	9.77	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	9	6	54	2020																
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2020																
		CC-8	Riemann Integration and Series of Functions	10	6	60	2021																
	MATHEMATICS	CC-9	Multivariate Calculus	10	6	60	2021																
IV		CC-10	Ring Theory and Linear Algebra I	10	6	60	2021	10.00	10.00	Q													
	PHYSICS	GE-4	Waves and Optics	10	6	60	2021																
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2021																
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2021																
v	WITTIEWITTIES	CC-12	Mechanics I	10	6	60	2021	10.00	10.00	o													
V	MATHEMATICS	DSE-1	Linear Programming	10	6	60	2021	10.00	10.00	10.00	10.00												
	WINTIEWINTED	DSE-2	Probability & Statistics	10	6	60	2021																
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2022																
VI		CC-14	Ring Theory and Linear Algebra II	10	6	60	2022	10.00	10.00	Q													
V 1	MATHEMATICS	DSE-3	Project Work	10 6 60 2022		10.00	10.00																
	MATTEMATICS	DSE-4	Mechanics II	10	6	60	2022																
			sis of CCs & DSEs : 9.00 sis of All Courses : 8.80				Letter Gi CGPA		Resul	t : Q													

Date of Publication of Result: 29.07.2022

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



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.

	Frade 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%	*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: SUMAN MONDAL Roll No. 190331000106

			Honours: MATHEMATI	CS						
Semester	Subject	Course	Course Title	Grade (G)	Credit Value	Grade Point	Credit Retained	bas	on the	Result
No.	Subject	Code	Course Title		(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	9.00	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2019			
	MATHEMATICS	CC-3	Real Analysis	6	6	36	2020			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	6	6	36	2020			
II	COMPUTER SCIENCE	GE-2	Database Management Systems	7	6	42	2020	6.00	6.40	Q
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2020			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	10	6	60	2020			
	MATHEMATICS	CC-6	Group Theory I	10	6	60	2020	1		
III		CC-7	Numerical Methods	9	6	54	2020	9.67	9.31	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2020			
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2020			
		CC-8	Riemann Integration and Series of Functions	10	6	60	2021			
	MATHEMATICS	CC-9	Multivariate Calculus	10	6	60	2021			
		CC-10	Ring Theory and Linear Algebra I	10	6	60	2021			_
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	10	6	60	2021	10.00	10.00	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2021			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2021			
	MATHEMATICS	CC-12	Mechanics I	10	6	60	2021	0.75	0.75	
V	MATHEMATICS	DSE-1	Linear Programming	9	6	54	2021	9.75	9.75	Q
	MATHEMATICS	DSE-2	Probability & Statistics	10	6	60	2021			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2022			
	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2022	10.00 10.00	10.00	
VI	MATHEMATICS	DSE-3	Project Work	10	6	60	2022		Q	
	MATHEMATICS	DSE-4	Mechanics II	10	6	60	2022			
	CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.44 CGPA (Cumulative Grade Point Average) on the basis of All Courses : 9.17							rade in	Result : Q	
COFA (Cui	minarive Grade Form Averag	sc) on the ba	ais of All Codiscs . J.11						l	

Date of Publication of Result : 29.07.2022

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



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.

	,
	ľ

9
7
5
(NA)

Percentage Conversion Formula: = (SGPA or CGPA×10) - 5.0

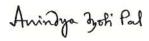


Name: SUNANDA SAHA Roll No. 190331000107

	T		Honours: MATHEMATI	CS						1											
Semester	Subject	Course	Course Title		Credit Value	Grade Point	Credit Retained		on the	Resul											
No.	Subject	Code	Course True	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code											
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2019														
	MATHEMATICS	CC-2	Algebra	4	6	24	2019														
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2019	4.50	5.91	Q											
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2019														
	MATHEMATICS	CC-3	Real Analysis	8	6	48	2020														
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	8	6	48	2020														
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2020	8.00	8.00	8.00	8.00	Q									
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2020														
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	10	6	60	2020														
	MATHEMATICS	CC-6	Group Theory I	10	6	60	2020	10.00	10.00												
III		CC-7	Numerical Methods	10	6	60	2020	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	10	6	60	2020														
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2020														
		CC-8	Riemann Integration and Series of Functions	10	6	60	2021														
	MATHEMATICS	CC-9	Multivariate Calculus	10	6	60	2021														
IV		CC-10	Ring Theory and Linear Algebra I	10	6	60	2021	10.00	10.00	Q											
	PHYSICS	GE-4	Waves and Optics	10	6	60	2021														
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2021														
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2021														
v	WATTEMATICS	CC-12	Mechanics I	10	6	60	2021	10.00	10.00	o											
V	MATHEMATICS	DSE-1	Linear Programming	10	6	60	2021	10.00	10.00												
	WITTIEWITTIES	DSE-2	Probability & Statistics	10	6	60	2021														
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2022														
VI		CC-14	Ring Theory and Linear Algebra II	10	6	60	2022	10.00	10.00	Q											
V I	MATHEMATICS	DSE-3	Project Work 10 6	DSE-3 Project Work 10		6	60	2022	10.00	10.00											
	MATHEMATICS	DSE-4	Mechanics II	10	6	60	2022														
			sis of CCs & DSEs : 9.17 sis of All Courses : 9.08				Letter Gi CGPA		Resul	t : Q											

Date of Publication of Result: 29.07.2022

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



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.

	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
1000	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 Aw	varded (NA)	

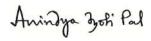


Name: SURAJ KUMAR NANDI Roll No. 190331000108

			Honours: ZOOLOGY							
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Result
No.	Subject	Code	Course True	(G)	(V)	(G×V)	Year	CCs & DSEs		Code
	ZOOLOGY	CC-1	Non-chordates I	7	6	42	2019		6.91 8.00 7.77 8.46 8.75	
	ZOOLOGT	CC-2	Ecology	8	6	48	2019			
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2019	7.50	6.91	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	5	4	20	2019			
	ZOOLOGY	CC-3	Non-chordates II	8	6	48	2020			
	ZOOLOGT	CC-4	Cell Biology	8	6	48	2020			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2020	8.00	8.00	Q
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2020			
		CC-5	Chordates	8	6	48	2020	7.67	7.67	
	ZOOLOGY	CC-6	Animal Physiology: Controlling and Coordinating Systems	8	6	48	2020			
III		CC-7	Fundamentals of Biochemistry	7	6	42	2020	7.67		Q
	BOTANY	GE-3	Plant Anatomy and Embryology	8	6	48	2020			
	ZOOLOGY	SEC-1	Apiculture	8	2	16	2020			
		CC-8	Comparative Anatomy of Vertebrates	8	6	48	2021			
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	9	6	54	2021			
IV		CC-10	Immunology	8	6	48	2021	8.33	6.91 8.00 7.77 8.46 8.75	Q
	BOTANY	GE-4	Plant Physiology and Metabolism	9	6	54	2021			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	8	2	16	2021			
	ZOOLOGY	CC-11	Molecular Biology	9	6	54	2021			
v	2002001	CC-12	Genetics	9	6	54	2021	8.75	8 75	Q
,	ZOOLOGY	DSE-1	Animal Biotechnology	9	6	54	2021	0.75	0.75	
	2002001	DSE-2	Parasitology	8	6	48	2021			
	ZOOLOGY	CC-13	Developmental Biology	9	6	54	2022			
VI		CC-14	Evolutionary Biology	8	6	48	2022	8.50	8.50	Q
V 1	ZOOLOGY	DSE-3	Animal Behaviour	8	6	48	2022	0.50	8.50	
		DSE-4	Endocrinology	9	6	54	2022			
			sis of CCs & DSEs : 8.22 sis of All Courses : 8.08				Letter Gi CGPA		Resul	t : Q

Date of Publication of Result : 29.07.2022

$$SGPA\left(S\right) = \frac{\sum\limits_{i=1}^{n}(G_{i} \times V_{i})}{\sum\limits_{i=1}^{n}V_{i}} \qquad CGPA = \frac{\sum\limits_{i=1}^{N}(V_{i} \times S_{i})}{\sum\limits_{i=1}^{N}V_{i}}$$



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.

	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
3 1 14 B	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: SUSMITA SAHA Roll No. 190331000109

			Honours: BOTANY							
Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Result
No.	Subject	Code	Course True	(G)	(V)	(G×V)	Year	CCs & DSEs	8.60 8.69 9.31	Code
	BOTANY	CC-1	Microbiology and Phycology	7	6	42	2019		8.60 8.69 9.31 9.00	
	BOTANT	CC-2	Archegoniatae	8	6	48	2019			
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2019	7.50	7.82	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2019			
	BOTANY	CC-3	Mycology and Phytopathology	9	6	54	2020		8.60	
	BUIANI	CC-4	Morphology and Anatomy of Angiosperms 9 6 54 2020 tates of Matter & Chemical Kinetics, Chemical 9 6 48 2020 9 00			ĺ				
П	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2020	9.00	8.60	Q
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2020			
	BOTANY	CC-5	Plant Ecology and Phytogeography	9	6	54	2020			
		CC-6	Plant Systematics		6	54	2020			1
III		CC-7	Economic Botany	8	6	48	2020	8.67	8.69	Q
	ZOOLOGY	GE-3	Physiology and Biochemistry	Biochemistry 9 6		54	2020			
	BOTANY	SEC-1	Agricultural Botany	8	2	16	2020			
		CC-8	Palaeobotany & Palynology	10	6	60	2021		8.69	
	BOTANY		Biomolecules and Cell Biology	9	6	54	2021			
IV		CC-10	Molecular Biology	10	6	60	2021	9.67	9.31	Q
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2021		8.69 9.31 9.00	
	BOTANY	SEC-2	Biofertilizers	10	2	20	2021			
	BOTANY	CC-11	Plant Physiology	9	6	54	2021			
3.7	BOTANT	CC-12	Plant Metabolism	9	6	54	2021	9.00	9.00	Q
V	BOTANY	DSE-1	Reproductive Biology of Angiosperms	9	6	54	2021	7.00	7.00	
	BOTANT	DSE-2	Natural Resource Management	9	6	54	2021			
	BOTANY	CC-13	Genetics & Plant Breeding	9	6	54	2022			
3.77	DOTAINT	CC-14	Plant Biotechnology	9	6	54	2022	9.00	9.00	Q
VI	BOTANY	DSE-3	Plant Evolution & Biodiversity		6	54	2022	9.00	7.00	4
	DOTANT	DSE-4	Industrial and Environmental Microbiology	9	6	54	2022			
		<u> </u>	sis of CCs & DSEs : 8.89 sis of All Courses : 8.76				Letter Gi CGPA		Resul	t : Q

Date of Publication of Result : 29.07.2022

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



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

Percentage Conversion Formula: = (SGPA or CGPA×10) - 5.0



Name: TITHI MUNSHI Roll No. 190331000110

No. Subject Code Course life (G) Value (G×V) (Honours: PHYSIOLO	OGY							
No. Subject Code Course Fifth (G) Code Course Course Fifth (G) Code Course Cou	Semester	Subject	Course	Course Title	Grade						Result	
BOTANY GE-1 Biodiversity (Microbes, Algae, Fungi and Archegoniatae) CC-2 Archegoniatae) CC-2 Archegoniatae) CC-3 Archegoniatae) CC-4 Chemistry of Biomolecules CC-4 CC-4 Cerulation CC-4 Cerulation CC-4 Cerulation CC-4 Cerulation CC-4 Cerulation CC-4 Cerulation CC-4 CC-4 Cerulation CC-4 CC-4 Cerulation CC	No.	Subject	Code	Course Tiue	(G)					8.46 8.50	Code	
CC-2 Biological Physics and Enzymes 6 6 36 2019 6.50 6.27 Q		DHACIOI OCA	CC-1	Cellular Basis of Physiology	7	6	42	2019				
BOTANY GE-1 Archegoniatae) CE-1 Archegoniatae) CE-1 Archegoniatae) CE-1 Archegoniatae) CE-1 Archegoniatae) CE-1 Fundamental Studies CE-2 Physiology of Nerve and Muscle Cells CE-2 CE-2 Chemistry of Biomolecules CE-2 Chemistry CE-2 Communicative CE-2 Circulation CE-2 Circulation CE-2 Circulation CE-2 Circulation CE-2 Circulation CE-2 Circulation CE-2 CE-2 Circulation CE-2 CE-2 Circulation CE-2 CE-2 CE-2 CE-2 Circulation CE-2		rn i siolog i	CC-2	Biological Physics and Enzymes	6	6	36	2019				
STUDIES	I	BOTANY	GE-1		6	6	36	2019	6.50	6.27	Q	
PHYSIOLOGY			AECC-1	Fundamentals of Environmental Studies	6	4	24	2019				
III BOTANY GE-2 Plant Ecology and Taxonomy 8 6 48 2020 8.00 8.00 Q		DITACIOI OCA	CC-3	Physiology of Nerve and Muscle Cells	8	6	48	2020				
Communicative English/MIL		PHISIOLOGI	CC-4	Chemistry of Biomolecules	8	6	48	2020				
English/MIL	II	BOTANY	GE-2	Plant Ecology and Taxonomy	8	6	48	2020	8.00	8.00	Q	
PHYSIOLOGY			AECC-2	Bengali	8	2	16	2020				
CC-7 Functions of The Nervous System 8 6 48 2020 8.33 8.46 Q			CC-5	Circulating Body Fluids	9	6	54	2020				
ZOOLOGY GE-3 Physiology and Biochemistry 9 6 54 2020		PHYSIOLOGY	CC-6	Circulation	8	6	48	2020				
PHYSIOLOGY SEC-1 Detection of Food Additives/Adulterants 8 2 16 2020	III		CC-7	Functions of The Nervous System	8	6	48	2020	8.33	8.46	Q	
CC-8 Energy Balance, Metabolism and Nutrition 9 6 54 2021		ZOOLOGY	GE-3	Physiology and Biochemistry	9	6	54	2020				
PHYSIOLOGY		PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	8	2	16	2020				
IV			CC-8	Energy Balance, Metabolism and Nutrition	9	6	54	2021				
ZOOLOGY GE-4 Genetics and Evolutionary Biology 9 6 54 2021		PHYSIOLOGY	CC-9	Gastrointestinal Function	9	6	54	2021	7			
PHYSIOLOGY SEC-2 Hematological Techniques 9 2 18 2021	IV		CC-10	Respiration	9	6	54	2021	9.00	8.33 8.46	Q	
V		ZOOLOGY	GE-4	Genetics and Evolutionary Biology	9	6	54	2021				
V		PHYSIOLOGY	SEC-2	Hematological Techniques	9	2	18	2021		9.00		
V DSE-1 Biological Statistics 8 6 48 2021 8.50 8.50 Q		DITACIOI OCA	CC-11	Special Senses	8	6	48	2021				
PHYSIOLOGY DSE-1 Biological Statistics 8 6 48 2021		PHISIOLOGI	CC-12	Endocrinology	9	6	54	2021	9.50	0.50		
DSE-2 Sports and Exercise Physiology 9 6 54 2021	V	DHACIOI OCA	DSE-1	Biological Statistics	8	6	48	2021	0.50	8.30	(
VI		rnisiologi	DSE-2	Sports and Exercise Physiology	9	6	54	2021				
VI CC-14 Formation and Excretion of Urine 9 6 54 2022 9.00 9.00 Q PHYSIOLOGY DSE-3 Human Nutrition and Dietetics 9 6 54 2022 9.00 9.00 Q CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.39		DHACIOI OCA	CC-13	Reproduction	9	6	54	2022				
PHYSIOLOGY DSE-3 Human Nutrition and Dietetics 9 6 54 2022		FILISIOLOGI	CC-14	Formation and Excretion of Urine	9	6	54	2022	0.00	0.00		
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs · 8.39	VI	PHASIOI OCA	DSE-3	Human Nutrition and Dietetics	9	6	54	2022	9.00 9.00		(
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs: 8,39		FILISIOLOGI	DSE-4	Toxicology	9							
CGPA (Cumulative Grade Point Average) on the basis of All Courses: 8.25 Result: Q			<u> </u>							Resul	t : Q	

Date of Publication of Result: 29.07.2022

$$SGPA\left(S\right) = \frac{\sum\limits_{i=1}^{n}(G_{i} \times V_{i})}{\sum\limits_{i=1}^{n}V_{i}} \qquad CGPA = \frac{\sum\limits_{i=1}^{N}(V_{i} \times S_{i})}{\sum\limits_{i=1}^{N}V_{i}}$$



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	Per					
70% and above but below 80%	8	60% and above but below 70%	7	*Le					
50% and above but below 60%	6	40% and above but below 50%	5	of (
35% and above but below 40%	4	Below 35%	Not Awarded (NA)						
		I		1					