

Name: ARIJIT SAHA

Honours: MATHEMATICS

Roll No. 170310400017

Semester		Course		Grade	Credit	Grade Point	Credit Retained		on the sis of	Result
No.	Subject	Code	Course Title		Value (V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2017			
	MATHEMATICS CC-2		Algebra	4	6	24	2017			
Ι	PHYSICS	GE-1	Mechanics	6	6	36	2017	4.00	5.09	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS	CC-3	Real Analysis	5	6	30	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	5	6	30	2018			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018	5.00	6.00	Q
	Communicative English/MIL	AECC-2	č	9	2	18	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30				
	MATHEMATICS	CC-6	Group Theory I	4	6	24	2019	1.22	1.05	
III		CC-7	Numerical Methods	4	6	24	2018	4.33	4.85	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	2018						
		CC-8	Riemann Integration and Series of Functions	7	6	42	2020			
		ATICS CC-9 Multivariate Calculus		7	6	42	2020			
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2020			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	4	6	24	2019	7.00	6.38	Q
	MATHEMATICS	SEC-2	Graph Theory	8	2	16	2020			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2019			
V	MATHEMATICS	CC-12	Mechanics I	NA	6	NA				SNC
v	MATHEMATICS	DSE-1	Linear Programming	7	6	42	2019			SINC
	MATHEMATICS	DSE-2	Probability & Statistics	6	6	36	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020			
VI	WIATHEWIATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	9.00	9.00	
V I	MATHEMATICS	DSE-3	Group Theory II	8	6	48	2020	9.00	9.00	Q
MATHEMATICS D		DSE-4	Mechanics II 9 6 54				2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G		Result :	PNC

Date of Publication of Result : 29.10.2020

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

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Controller of Examinations

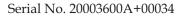
Course Types :		CGPA Le	tter Grades	Result Codes:		
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified	
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared	
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on	
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)		1	NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.	

Grade Point Norms:

Grade i onit i torms.	_	-		
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: DEBJANI GHOSH

Honours: CHEMISTRY

Roll No. 170310400040

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the sis of	Result
No.	Coo		(I		(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	CHEMISTRY	CC-1	Organic Chemistry-I 10 6 60				2017			
		CC-2	Physical Chemistry-I	8	6	48	2017			
Ι	MATHEMATICS	GE-1	Differential Calculus	9	6	54	2017	9.00	8.64	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	CHEMISTRY	CC-3	Inorganic Chemistry-I	9	6	54	2018		8.90	
	CHEWIISTKY	CC-4	Organic Chemistry-II	9	6	54	2018			Q
II	MATHEMATICS	GE-2	Differential Equations	9	6	54	2018	9.00		
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2018			
	CHEMISTRY	CC-5	Physical Chemistry-II	9	6	54	2018			
		CC-6	Inorganic Chemistry-II	9	6	54	2018			
III		CC-7	Organic Chemistry-III	9	6	54	2018	9.00	9.08	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	9	6	54	2018			
	CHEMISTRY	SEC-1	asic Analytical Chemistry 10 2			20	2018			
	CHEMISTRY CC	CC-8	Physical Chemistry-III	5	6	30	2019			
		CC-9	Inorganic Chemistry-III	7	6	42	2019]	5.62	
IV		CC-10	Organic Chemistry - IV	5	6	30	2019	5.67		Q
	PHYSICS	GE-4	Waves and Optics	5	6	30	2019			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	7	2	14	2019			
	CHEMISTRY		Inorganic Chemistry-IV	8	6	48	2019			
V	CHEWIISTKT	CC-12	Organic Chemistry-V	6	6	36	2019	7.00	7.00	Q
v	CHEMISTRY	DSE-1	Advanced Physical Chemistry	7	6	42	2019	/.00	7.00	V V
	CHEWIISTKI	DSE-2	Analytical Methods in Chemistry	7	6	42	2019			
	CHEMISTRY	CC-13	Inorganic Chemistry-V	9	6	54	2020			
			Physical Chemistry-IV	10	6	60	2020			
VI		DSE-3	Green Chemistry	9	6	54	2020	9.50	9.50	Q
	CHEMISTRY DSE-4		Dissertation Followed by Power Point Presentation	10	6	60	2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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Course Types :		CGPA Let	tter Grades		Result Codes:			
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified			
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DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on			
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]			
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.			

Grade Point Norms:

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)

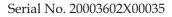
Percentage Conversion Formula:

= (SGPA or CGPA $\times 10$) - 5.0

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

Aningra Zohi Pal

Controller of Examinations





Name: DIBYAJYOTI BISWAS

Honours: ECONOMICS

Roll No. 170310400041

Semester		Course	Course Title	Grade	Credit	Grade Point	Credit Retained		on the	Result	
No.	Subject Course Code		Course The (Value (V)	(GXV)	Year	CCs & DSEs	All Courses	Code	
	ECONOMICS	CC-1	Introductory Microeconomics	4	6	24	2017				
	Leonomies	CC-2	Statistics-I	4	6	24	2018				
I	STATISTICS	GE-1	Statistical Methods	6	6	36	2017	4.00	4.91	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017				
	ECONOMICS	CC-3	Introductory Macroeconomics	4	6	24	2018				
	ECONOMICS	CC-4	Mathematical Economics-I	5	6	30	2019				
II	STATISTICS	GE-2	Introductory Probability	5	6	30	2019	4.50	4.70	Q	
	Communicative English/MIL	AECC-2	Bengali	5	2	10	2018				
	ECONOMICS	CC-5	Intermediate Microeconomics	NA	6	NA					
		CC-6	Intermediate Macroeconomics	4	6	24	2018				
III		CC-7	Mathematical Economics -II	5	6	30	2018			SNC	
	MATHEMATICS	GE-3	Real Analysis	NA	6	NA					
	ECONOMICS	SEC-1	Aanagerial Economics 6 2 12								
	ECONOMICS	CC-8	Selected Features of Indian Economy	5	6	30	2019				
		CONOMICS CC-9		Statistics-II	6	6	36	2019			
IV		CC-10	Development Economics	5	6	30	2019	5.33	6.00	Q	
	MATHEMATICS	GE-4	Algebra	7	6	42	2020				
	ECONOMICS	SEC-2	Basic Computer Applications	9	2	18	2019				
	ECONOMICS	CC-11	International Economics	5	6	30	2019				
V	ECONOMICS	CC-12	Money and Banking	7	6	42	2019	6.25	6.25	Q	
	ECONOMICS	DSE-1	Rural Development	7	6	42	2019	0.23	0.23	V V	
	ECONOMICS	DSE-2	Environmental Economics	6	6	36	2019				
	ECONOMICS	CC-13	Basic Econometrics	8	6	48	2020				
VI		CC-14	Field Survey & Project Report	9	6	54	2020 8.50		8.50	Q	
	ECONOMICS	CONOMICS DSE-3 Political Economy 8 6 48		48	2020	0.50	0.30	۲V			
		DSE-4	Entrepreneurship Development	9	6	54	2020				
	umulative Grade Point Av umulative Grade Point Av						Letter G		Result :	PNC	

Date of Publication of Result : 29.10.2020

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Anindya Zohi Pal
Controller of Examinations

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DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC - Programme Not Cleared [CGPA on	
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	L E (Eath)	the basis of CCs and DSEs.<5 or All semesters not cleared]	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.	

Grade Point Norms:

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: RITWIK CHAKRABORTY

Honours: PHYSICS

Roll No. 170310400084

Semester		Course		Grade	Credit	Grade	Credit		on the	Result
No.	Subject Cou		Course Title		Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	PHYSICS	CC-1	Mathematical Physics-I	6	6	36	2017			
	PHI SICS	CC-2	Mechanics	5	6	30	2017			
Ι	MATHEMATICS	GE-1	Differential Calculus	6	6	36	2017	5.50	5.73	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	PHYSICS	CC-3	Electricity and Magnetism	5	6	30	2018			
	PHI SICS	CC-4	Waves and Optics	6	6	36	2018			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2018	5.50	6.60	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Mathematical Physics-II	9	6	54	2018			
	PHYSICS	CC-6	Thermal Physics	7	6	42	2018			
III		CC-7	Digital Systems and Applications	8	6	48	2018	8.00	7.15	Q
	MATHEMATICS	GE-3	Real Analysis	4	6	24	2018			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	2	18	2018				
		CC-8	Mathematical Physics-III	6	6	36	2019			
		CC-9	Elements of Modern Physics	6	6	36	2019			
		CC-10	Analog Systems & Applications	7	6	42	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	6.33	6.46	Q
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	6	2	12	2019			
	PHYSICS	CC-11	Quantum Mechanics and Applications	8	6	48	2019			
v	1113103	CC-12	Solid State Physics	7	6	42	2019	7.25	7.25	
l v	PHYSICS	DSE-1	Advanced Mathematical Physics	9	6	54	2019	1.23	1.23	Q
	11115105	DSE-2	Classical Dynamics	5	6	30	2019			
	PHYSICS	CC-13	Electromagnetic Theory	9	6	54	2020			
VI	11110100	CC-14	Statistical Mechanics	9	6	54	2020	8.75	8.75	Q
V I	PHYSICS	DSE-3 Nuclear and Particle Physics 8		6	48	2020	0.75	8.75		
		DSE-4	Astronomy and Astrophysics 9 6 54				2020			
· · · · ·	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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Anindya Zohi Pal

Controller of Examinations

Course Types :		CGPA Le	tter Grades	Result Codes:	
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
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DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

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: SHAYANTI PATHAK

Honours: ZOOLOGY

Roll No. 170310400100

Semester	Subject	Course	Course Title	Grade	Credit	Grade	Credit		on the sis of	Result
No. Subject Course Course Title		Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code	
	ZOOLOGY	CC-1	Non-chordates I	7	6	42	2017			
	2001001	CC-2	cology 8 6				2017			
Ι	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	5	6	30	2017	7.50	6.55	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	ZOOLOGY	CC-3	Non-chordates II	8	6	48	2018			
	2001001	CC-4	Cell Biology	6	6	36	2018			
II	BOTANY	GE-2	Plant Ecology and Taxonomy	6	6	36	2018	7.00	6.80	Q
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2018			
		CC-5	Chordates	7	6	42	2018			
	ZOOLOGY	CC-6	Animal Physiology: Controlling and Coordinating Systems	6	6	36	2018			
III		CC-7	Fundamentals of Biochemistry	7	6	42	2018	6.67	6.69	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018			
	ZOOLOGY	SEC-1	Apiculture	6	2	12	2018			
		CC-8	Comparative Anatomy of Vertebrates	7	6	42	2019			
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	5	6	30	2019			
		CC-10	Immunology	6	6	36	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2019	6.00	6.62	Q
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	8	2	16	2019			
	ZOOLOGY	CC-11	Molecular Biology	6	6	36	2019			
V	2001001	CC-12	Genetics	7	6	42	2019	7.25	7.25	Q
v	ZOOLOGY	DSE-1	Animal Biotechnology	8	6	48	2019	1.23	1.23	V V
	2001001	DSE-2	Parasitology	8	6	48	2019			
	ZOOLOGY	CC-13	Developmental Biology	7	6	42	2020			
VI	2001001	CC-14	Evolutionary Biology	7	6	42	2020	7.00	7.00	Q
V I	ZOOLOGY	DSE-3	Animal Behaviour	7	6	42	2020 7.00		7.00	
			Reproductive Biology	7	6	42	2020			
	Sumulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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Anindya zobi Pal
Controller of Examinations

Course Types :		CGPA Le	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
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AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

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

Percentage Conversion Formula:

= (SGPA or CGPA ×10) - 5.0



Name: SUBHAJIT BASU

Honours: MATHEMATICS

Roll No. 170310400115

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the sis of	Result
		Code	(G)		(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2017			
	WATHEWATICS	CC-2	lgebra 5		6	30	2017			
Ι	PHYSICS	GE-1	Mechanics	6	6	36	2017	4.50	5.18	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	MATHEMATICS	CC-3	Real Analysis	6	6	36	2018			
	WATHEWATICS	CC-4	Differential Equations and Vector Calculus	4	6	24	2018			
II	PHYSICS	GE-2	Electricity and Magnetism	5	6	30	2018	5.00	5.40	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018			
	MATHEMATICS	CC-6	Group Theory I	7	6	42	2018]		
III		CC-7	Numerical Methods	5	6	30	2018	5.33	5.69	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6 6	36	2018	_		
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
		CC-8	Riemann Integration and Series of Functions	7	6	42	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	4	6	24	2019]		
		CC-10	Ring Theory and Linear Algebra I	6	6	36	2019	1		
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019	5.67	5.77	Q
	MATHEMATICS	SEC-2	Graph Theory	6	2	12	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	4	6	24	2019			
v	WATHEWATICS	CC-12	Mechanics I	5	6	30	2019	5.50	5.50	Q
v	MATHEMATICS	DSE-1	Linear Programming	8	6	48	2019	3.30	5.50	V V
	WATHEWATICS	DSE-2	Probability & Statistics	5	6	30	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020			
VI	WATHEWATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	9.50	9.50	
V1	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020	9.50	9.30	Q
	WIAT DEWIATIUS	DSE-4	Mechanics II	9	6	54	2020			
· · · · · · · · · · · · · · · · · · ·	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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Anindya Zohi Pal

Controller of Examinations

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

Percentage Conversion Formula:

= (SGPA or CGPA $\times 10$) - 5.0



Name: TANAY ATA

Honours: MATHEMATICS

Roll No. 170310400128

Semester		Course	G	Grade	Credit	Grade	Credit	1	on the	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2017			
	MATHEMATICS	CC-2	Algebra	4	6	24	2017			
Ι	ELECTRONICS	GE-1	Electronic Circuits and PCB Designing	8	6	48	2017	4.00	5.64	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS	CC-3	Real Analysis	6	6	36	2018			
	WATHEWATICS	CC-4	Differential Equations and Vector Calculus	7	6	42	2018			
II	ELECTRONICS	GE-2	Practical Electronics	9	6	54	2018	6.50	7.60	Q
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2018			
	MATHEMATICS III	CC-6	Group Theory I	8	6	48	2018		- 	
111		CC-7	Numerical Methods	6	6	36	2018	6.67	6.77	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2018			
		CC-8	Riemann Integration and Series of Functions	4	6	24	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	4	6	24	2019			
IV		CC-10	Ring Theory and Linear Algebra I	9	6	54	2019	5.67	5.92	Q
	PHYSICS	GE-4	Waves and Optics	6	6	36	2019			
	MATHEMATICS	SEC-2	Graph Theory	8	2	16	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	5	6	30	2019			
v	MATHEMATICS	CC-12	Mechanics I	5	6	30	2019	5.50	5.50	
v	MATHEMATICS	DSE-1	Linear Programming	7	6	42	2019	5.50	5.50	Q
	MATHEMATICS	DSE-2	Probability & Statistics	5	6	30	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020			
VI	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	9.50	0.50	
VI	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020	9.50	9.50	Q
	MATHEMATICS	DSE-4	Mechanics II	9	6	54	2020			
· · · · ·	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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

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

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

Grade Point Norms:

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

Anindya zohi Pal

Controller of Examinations



Name: TITHI DAS

Honours: MATHEMATICS

Roll No. 170310400129

Semester		Course		Grade	Credit	Grade	Credit		on the sis of	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2017			
	MATHEMATICS	CC-2	Algebra	NA	6	NA]		
Ι	PHYSICS	GE-1	Mechanics	5	6	30	2017]		SNC
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	5	4	20	2017			
	MATHEMATICS	CC-3	Real Analysis	4	6	24	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	4	6	24	2018			
II	PHYSICS	GE-2	Electricity and Magnetism	6	6	36	2018	4.00	5.10	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
			Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018			
	MATHEMATICS	CC-6	Group Theory I	7	6	42	2018]		
III		CC-7	Numerical Methods	5	6	30	2018	5.33	5.92	Q
	CHEMISTRY GE-3		Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018	1		
		CC-8	Riemann Integration and Series of Functions	5	6	30	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	4	6	24	2019]		
		CC-10	Ring Theory and Linear Algebra I	NA	6	NA]		
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019			SNC
	MATHEMATICS	SEC-2	Graph Theory	7	2	14	2019	1		
		CC-11	Partial Differential Equations and Applications	5	6	30	2019			
	MATHEMATICS	CC-12	Mechanics I	4	6	24	2019	1.25	4.25	
V		DSE-1	Linear Programming	4	6	24	2019	4.25	4.25	Q
	MATHEMATICS	DSE-2	Probability & Statistics	4	6	24	2019	1		
		CC-13	Metric Spaces and Complex Analysis	9	6	54	2020			
	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II		6	60	2020	9.50	0.50	
VI		DSE-3 Group Theory II 10 6		60	2020	9.50	9.50	Q		
	MATHEMATICS	DSE-4	Mechanics II 9 6 54					1		
	umulative Grade Point Av umulative Grade Point Av						Letter G CGP		Result :	PNC

Date of Publication of Result : 29.10.2020

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

Anindya zobi Pal

Controller of Examinations

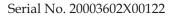
Course Types :		CGPA Le	tter Grades	Result Codes:	
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

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:

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





Name: BOZRUL ALAM MOLLA

Honours: PHYSICS

Roll No. 170311000015

Semester		Course		Grade	Credit	Grade	Credit		a on the sis of	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	PHYSICS		Mathematical Physics-I	5	6	30	2017			
	rn151C5	CC-2	Mechanics	5	6	30	2017			
Ι	MATHEMATICS	GE-1	Differential Calculus	6	6	36	2017 5.	5.00	5.64	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	PHYSICS	CC-3	Electricity and Magnetism	5	6	30	2018			
	PHI SICS	CC-4	Waves and Optics	6	6	36	2018			
Π	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018	5.50	5.90	Q
	Communicative English/MIL	Communicative English	5	2	10	2018				
		CC-5	Mathematical Physics-II	5	6	30 2018				
	PHYSICS	CC-6	Thermal Physics	5	6	30	2018			
III		CC-7	Digital Systems and Applications	7	6	42	2018	5.67	5.69	Q
	MATHEMATICS GE-3		Real Analysis	6	6	36	2018			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	5	2	10	2018			
		CC-8	Mathematical Physics-III	6	6	36	2019			
	PHYSICS	CC-9	Elements of Modern Physics	6	6	36	2019			
		CC-10	Analog Systems & Applications	5	6	30	2019			
IV	CHEMISTRY	EMISTRY GE-4 Solution Phase Equilibria, Conductance, EMISTRY GE-4 Electrochemistry, Analytical & Environm		7	6	42	2019	5.67	6.08	Q
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	7	2	14	2019			
	PHYSICS	CC-11	Quantum Mechanics and Applications	5	6	30	2019			
v	F II I SIC S	CC-12	Solid State Physics	5	6	30	2019			SNC
v	PHYSICS	DSE-1	Advanced Mathematical Physics	5	6	30	2019			SINC
	rn151C5	DSE-2	Classical Dynamics	NA	6	NA				
	PHYSICS	CC-13	Electromagnetic Theory	9	6	54	2020			
VI	11115105	CC-14	Statistical Mechanics	8	6	48	2020	8.00	8.00	
V I	PHYSICS	DSE-3	Nuclear and Particle Physics	6	6	36	2020	0.00	8.00	Q
		DSE-4	Astronomy and Astrophysics	Astronomy and Astrophysics 9 6 54						
· · ·	umulative Grade Point Av umulative Grade Point Av						Letter G CGP		Result : PNC	

Date of Publication of Result : 29.10.2020

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

Anindya Zohi Pal

Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

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: PRASAD GHOSH

Honours: MATHEMATICS

Roll No. 170311000040

Semester		Course		Grade	Credit	Grade	Credit		on the sis of	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	8	6	48	2017			
	MATHEMATICS	CC-2	Algebra 4 6 24				2017			
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic 8 6 48 Chemistry & Aliphatic Hydrocarbons		48	2017	6.00	6.55	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies							
	MATHEMATICS	CC-3	Real Analysis	7	6	42	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	Differential Equations and Vector Calculus 6 6			2018			
II	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2018	6.50	6.70	Q
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018			
	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018			
		CC-6	Group Theory I	5	6	30	2018			
III		CC-7	Numerical Methods	7	6	42	2018	5.33	5.62	Q
	CHEMISTRY GE-3		Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2018			
		CC-8	Riemann Integration and Series of Functions	4	6	24	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	4	6	24	2019			
IV		CC-10	Ring Theory and Linear Algebra I	5	6	30	2019	4.33	4.77	Q
	PHYSICS	GE-4	Waves and Optics	5	6	30	2019			
	MATHEMATICS	SEC-2	Graph Theory	8	2	16	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2019			
v	MATHEMATICS	CC-12	Mechanics I	4	6	24	2019			SNC
v	MATHEMATICS	DSE-1	Linear Programming	4	6	24	2019			SINC
	MATHEMATICS	DSE-2	Probability & Statistics	NA	6	NA				
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
VI		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	9.75	9.75	Q
V I	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020	2.13	2.15	Y Y
		DSE-4	Project Work 9 6 54				2020			
	Cumulative Grade Point Av Cumulative Grade Point Av						Letter G		Result :	PNC
COLA (C	unulative Grade I Ollit A	verage) on m	· 00515 01 7111 (0001505 .							

Date of Publication of Result : 29.10.2020

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

Anindya Zohi Pal

Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

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:

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



Name: RINTU SAHA

Honours: PHYSICS

Roll No. 170311000051

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the sis of	Result
No.	Subject	Code	Course Thie	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
PHYSICS		CC-1	Mathematical Physics-I	7	6	42	2017			
	11115105	CC-2	Mechanics	8	6	48	2017			
I	MATHEMATICS	GE-1	Differential Calculus	6	6	36	2017	7.50	7.00	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	PHYSICS	CC-3	Electricity and Magnetism		6	42	2018			
	F II I SIC 5	CC-4	Waves and Optics	8	6	48	2018			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2018	7.50	7.60	Q
Communicative English/MIL AECC-2 Con			Communicative English	7	2	14	2018			
		CC-5	Mathematical Physics-II	7	6	42	2018			
	PHYSICS	CC-6	Thermal Physics	7	6	42	2018			
III		CC-7	Digital Systems and Applications	9	6	54	2018	7.67	7.69	Q
	MATHEMATICS GE-3		Real Analysis	8	6	48	2018			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	7	2	14	2018			
		CC-8	Mathematical Physics-III	8	6	48	2019			
	PHYSICS	CC-9	Elements of Modern Physics	8	6	48	2019			
		CC-10	Analog Systems & Applications	9	6	54	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2019	8.33	8.08	Q
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	6	2	12	2019			
	PHYSICS	CC-11	Quantum Mechanics and Applications	8	6	48	2019			
v	F II I SIC 5	CC-12	Solid State Physics	8	6	48	2019	7.50	7.50	Q
v	PHYSICS	DSE-1	Advanced Mathematical Physics	8	6	48	2019	7.30	7.30	V ا
	r n i SiCS	DSE-2	Classical Dynamics	6	6	36	2019			
	PHYSICS	CC-13	Electromagnetic Theory	10	6	60	2020			
VI	F II I SIC 5	CC-14	Statistical Mechanics	10	6	60	2020	9.75	0.75	
V1	DUVSICS	DSE-3	Nuclear and Particle Physics	9	6	54	2020	9./3	9.75	Q
	PHYSICS	DSE-4	Astronomy and Astrophysics	10	6	60	2020			
· · · ·	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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

Anindya Zohi Pal

Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

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: SOUMEN KHAN

Honours: MATHEMATICS

Roll No. 170311000071

Semester		Course		Grade	Credit	Grade	Credit		on the	Result
No.	Subject	Code	Course Title (G)		Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	6	6	36	2017			
	MATHEMATICS	CC-2	Algebra	5	6	30	2018			
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic 5 6 Chemistry & Aliphatic Hydrocarbons 5		30	2017	5.50	5.45	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	24	2017					
	MATHEMATICS	CC-3	Real Analysis	6	6	36	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	5	6	30	2018			
II	PHYSICS GE-2		Electricity and Magnetism	6	6	36	2018	5.50	5.90	Q
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2018			
	MATHEMATICS III	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018			
		CC-6	Group Theory I	6	6	36	2018			
III		CC-7	Numerical Methods 6			36	2018	5.33	5.38	Q
	CHEMISTRY GE-3		Chemical Energetic, Equilibria, Organic Chemistry	5	5 6 30	30	2018			
	MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2018			
		CC-8	Riemann Integration and Series of Functions	4	6	24	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	8	6	48	2020			
IV		CC-10	Ring Theory and Linear Algebra I	4	6	24	2019	5.33	5.38	Q
	PHYSICS	GE-4	Waves and Optics	5	6	30	2019			
	MATHEMATICS	SEC-2	Graph Theory	7	2	14	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2019			
V	MATHEMATICS	CC-12	Mechanics I	4	6	24	2019			SNC
v	MATHEMATICS	DSE-1	Linear Programming	5	6	30	2019			SINC
	MATTEMATICS	DSE-2	Probability & Statistics	NA	6	NA				
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
VI	MATTENATICS		Ring Theory and Linear Algebra II	10	6	60	2020	9.75	9.75	Q
	MATHEMATICS	DSE-3 Group Theory II 10 6 6		60	2020	9.15	9.15			
			Project Work	54	2020					
	umulative Grade Point Av						Letter G		Result : PNC	
CGPA (C	umulative Grade Point Av	verage) on the	e basis of All Courses :				CGP	A :	resourt.	

Date of Publication of Result : 29.10.2020

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Anindya Zohi Pal

Controller of Examinations

Course Types :		CGPA Le	tter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
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SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

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:

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



Name: SOUMYADIP SINGHA

Honours: MATHEMATICS

Roll No. 170311000076

Semester	~	Course		Grade	Credit	Grade	Credit		on the	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS		Calculus, Geometry & Differential Equations	4	6	24	2017			
	MATHEMATICS	CC-2	Algebra	5	6	30	2018			
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	nd Bases, Redox Reactions, General Organic 5			2017	4.50	4.91	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	24	2017					
	MATHEMATICS	CC-3	Real Analysis	8	6	48	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	5	6	30	2018		6.70	
II	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2018	6.50		Q
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018			
	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018			
		CC-6	Group Theory I	5	6	30	2018			
III		CC-		Numerical Methods	7	6	42	2018	5.33	5.38
	CHEMISTRY GE-3		Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2018			
	MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2018			
		CC-8	Riemann Integration and Series of Functions	4	6	24	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	4	6	24	2019			
IV		CC-10	Ring Theory and Linear Algebra I	4	6	24	2019	4.00	4.77	Q
	PHYSICS	GE-4	Waves and Optics	6	6	36	2019			
	MATHEMATICS	SEC-2	Graph Theory	8	2	16	2019			
		CC-11	Partial Differential Equations and Applications	8	6	48	2019			
	MATHEMATICS	CC-12	Mechanics I	4	6	24	2019			CNIC
V		DSE-1	Linear Programming	5	6	30	2019			SNC
	MATHEMATICS	DSE-2	Probability & Statistics	NA	6	NA				
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
VI	MATHEMATICS	CC-14 Ring Theory and Linear Algebra II 10 6 DSE-3 Group Theory II 10 6		10	6	60	60 2020	10.00	10.00	
	MATHEMATICS			6	60	2020	10.00	10.00	Q	
	MATHEMATICS	DSE-4	Project Work 10 6 60			60	2020			
	umulative Grade Point Av umulative Grade Point Av	0 /			-			Letter Grade in CGPA :		PNC

Date of Publication of Result : 29.10.2020

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

Anindya zohi Pal

Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

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:

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



Name: SRINANTI ROY

Honours: MATHEMATICS

Roll No. 170311000080

Semester		Course	Course Title	Grade	Credit	Grade	Credit		on the sis of	Result	
No.	Subject	Code	Course 1 me	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code	
	MATHEMATICS		Calculus, Geometry & Differential Equations	6	6	36	2017				
	MATHEMATICS	CC-2	Algebra	4	6	24	2017				
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids and Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons				2017	5.00	5.91	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	28	2017						
	MATHEMATICS	CC-3	Real Analysis	8	6	48	2018				
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	8	6	48	2018				
II	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2018	8.00	8.00	Q	
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2018				
	MATHEMATICS CC-	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018				
		CC-6	Group Theory I	5	6	30	2018	1			
III		CC-7	Numerical Methods				2018	6.00	6.08	Q	
	CHEMISTRY GE-3		Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018				
	MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2018	7			
		CC-8	Riemann Integration and Series of Functions	6	6	36	2019				
	MATHEMATICS	CC-9	Multivariate Calculus	5	6	30	2019]			
IV		CC-10	Ring Theory and Linear Algebra I	6	6	36	2019	5.67	5.92	Q	
	PHYSICS	GE-4	Waves and Optics	6	6	36	2019				
	MATHEMATICS	SEC-2	Graph Theory	8	2	16	2019				
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019				
v	MATHEMATICS	CC-12	Mechanics I	4	6	24	2019			SNC	
v	MATHEMATICS	DSE-1	Linear Programming	5	6	30	2019			SINC	
	MATHEMATICS	DSE-2	Probability & Statistics	NA	6	NA					
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020				
VI		CC-14	Ring Theory and Linear Algebra II 10		6	60	2020	9.75	9.75	0	
V I	MATHEMATICS	THEMATICS DSE-3 Group Theory II 10		10	6	60	2020	7.15	9.75	Q	
			Project Work	9	6	54	2020				
	umulative Grade Point Av umulative Grade Point Av						Letter Grade in CGPA :		Result :	Result : PNC	

Date of Publication of Result : 29.10.2020

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

Anindya zohi Pal

Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

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:

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



Name: SUBHODIP GAYEN

Honours: MATHEMATICS

Roll No. 170311000086

Semester		Course	с. тч	Grade	Credit	Grade	Credit		on the sis of	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (GXV)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS		Calculus, Geometry & Differential Equations	7	6	42	2017			
	MATHEMATICS	CC-2	Algebra	6	6	36	2017			
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	And Bases, Redox Reactions, General Organic 7 6 42				6.50	6.55	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	24	2017					
	MATHEMATICS	CC-3	Real Analysis	7	6	42	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	6	6	36	2018			
II	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2018	6.50	6.60	Q
	Communicative English/MIL	AECC-2	Communicative English	6	2	12	2018			
	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018			
		CC-6	Group Theory I	5	6	30	2018			
III		CC-7	Numerical Methods	7	6	42	2018	5.67	5.62	Q
	CHEMISTRY GE-3		Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2018		1	
	MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2018	1		
		CC-8	Riemann Integration and Series of Functions	6	6	36	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	5	6	30	2019			Q
IV		CC-10	Ring Theory and Linear Algebra I	5	6	30	2019	5.33	5.38	
	PHYSICS	GE-4	Waves and Optics	5	6	30	2019			
	MATHEMATICS	SEC-2	Graph Theory	7	2	14	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019			
V	MATHEMATICS	CC-12	Mechanics I	NA	6	NA				SNC
	MATHEMATICS	DSE-1	Linear Programming	5	6	30	2019			SINC
	MATHEMATICS	DSE-2	Probability & Statistics	4	6	24	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020			
VI		CC-14	Ring Theory and Linear Algebra II		6	60	2020	9.50	0.50	
	MATHEMATICS	DSE-3 Group Theory II 10 6		60	2020	9.30	9.50	Q		
	IVIAT DEIVIATIUS	DSE-4	Project Work 9 6 54			54	2020			
	umulative Grade Point Av umulative Grade Point Av						4	Letter Grade in CGPA :		PNC

Date of Publication of Result : 29.10.2020

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

Anindya zohi Pal

Controller of Examinations

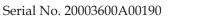
Course Types :		CGPA Le	tter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

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:

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





Name: AMALENDU BISWAS

Honours: ZOOLOGY

Roll No. 170311100005

Semester		Course		Grade	Credit	Grade	Credit			Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses 7.27 7.00 7.00 6.46 7.25 8.50	Code
	ZOOLOGY	CC-1	Non-chordates I	8	6	48	2017			
	2001001	CC-2	Ecology	8	6	48	2017			
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2017	8.00) 7.27) 7.00 3 7.00	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	ZOOLOGY	CC-3	Non-chordates II	7	6	42	2018			
	ZUULUGY	CC-4	Cell Biology	7	6	42	2018		asis of All Courses 7.27 7.27 7.00 7.00 7.00 6.46 7.25 8.50 8.50	
II	BOTANY	GE-2	Plant Ecology and Taxonomy	6	6	36	2018	7.00		Q
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
	-	CC-5	Chordates	7	6	42	2018			
	ZOOLOGY	CC-6	Animal Physiology: Controlling and Coordinating Systems	8	6	48	2018			
III		CC-7	Fundamentals of Biochemistry	7	6	42	2018	7.33	7.00	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018			
	ZOOLOGY	SEC-1	Apiculture	7	2	14	2018			
		CC-8	Comparative Anatomy of Vertebrates	7	6	42	2019			
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	6	6	36	2019			
IV		CC-10	Immunology	7	6	42	2019	6.67	All Courses 7.27 7.00 7.00 6.46 7.25	Q
	BOTANY	GE-4	Plant Physiology and Metabolism	6	6	36	2019			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	6	2	12	2019			
	ZOOLOGY	CC-11	Molecular Biology	6	6	36	2019			
v	2001001	CC-12	Genetics	7	6	42	2019	7.25	7 25	
v	ZOOLOGY	DSE-1	Animal Biotechnology	8	6	48	2019	1.23	1.23	Q
	2001001	DSE-2	Parasitology	8	6	48	2019		7.00 7.00 6.46 7.25 8.50	
	ZOOLOGY	CC-13	Developmental Biology	9	6	54	2020			
VI		CC-14	Evolutionary Biology	8	6	48	2020	8 50	8 50	Q
V I	ZOOLOGY	CC-14 Evolutionary Biology 8 6 48 2020 8.50 DSE-3 Animal Behaviour 9 6 54 2020 8.50	0.50	0.50						
			Endocrinology	8	6	48	2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t:Q

Date of Publication of Result : 29.10.2020

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

Anindya zyohi Pal

Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

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:

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



Name: ARNAB PAL

Honours: MATHEMATICS

Roll No. 170311100014

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the sis of	Result	
No.	Subject	Code	Course The	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses 5.73 5.73 6.90 6.46 6.85 5.75 9.75 9.75	Code	
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	7	6	42	2017				
	WATHEWATICS	CC-2	Algebra	5	6	30	2017				
Ι	PHYSICS	GE-1	Mechanics	5	6	30	2017	6.00	All Courses 5.73 5.73 6.90 6.90 6.46 6.85 5.75 9.75	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017				
	MATHEMATICS	CC-3	Real Analysis	7	6	42	2018				
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	5	6	30	2018				
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2018	6.00	k All Courses 5.73 5.73 6.90 6.46 6.85 5.75	Q	
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018				
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	7	6	42	2018				
	MATHEMATICS	CC-6	Group Theory I	4	6	24	2018	6.00	6.46		
III		CC-7	Numerical Methods	7	6	42	2018	6.00	6.46	Q	
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2018		0 6.46		
	MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2018				
		CC-8	Riemann Integration and Series of Functions	8	6	48	2019				
	MATHEMATICS	CC-9	Multivariate Calculus	5	6	30	2019		& All Courses 0 5.73 0 5.73 0 6.90 0 6.46 7 6.85 5 5.75 5 9.75		
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2019				
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	6.67		Q	
	MATHEMATICS	SEC-2	Graph Theory	8	2	16	2019				
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2019				
V	MATHEMATICS	CC-12	Mechanics I	6	6	36	2019	5.75	 6.90 6.46 6.85 5.75 9.75 		
v		DSE-1	Linear Programming	4	6	24	2019	5.75	5.75	Q	
	MATHEMATICS	DSE-2	Probability & Statistics	6	6	36	2019				
		CC-13	Metric Spaces and Complex Analysis	9	6	54	2020				
3.71	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	0.75	0.75		
VI	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020	9.75	9.75	Q	
	WIATHENIATICS	DSE-4	Mechanics II	10	6	60	2020				
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q	

Date of Publication of Result : 29.10.2020

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

Aningra Zoh Pal Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

Grude i onte i tormo.			
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: BAPAN MONDAL

Honours: MATHEMATICS

Roll No. 170311100022

Semester	emester No. Subject Course Code	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the sis of	Result																
No.	Subject	Code	Course Thie	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses 5.09 4.90 6.38 5.23 9.50	Code															
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2017																		
	WATHEWATICS	CC-2	Algebra	5	6	30	2017																		
Ι	PHYSICS	GE-1	Mechanics	5	6	30	2017	4.50	All Courses 5.09 4.90 6.38 5.23 9.50	Q															
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017																		
	MATHEMATICS	CC-3	Real Analysis	4	6	24	2018																		
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	4	6	24	2018]																	
Π	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018	4.00	 Courses 5.09 4.90 6.38 5.23 5.23 	Q															
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018																		
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018																		
	MATHEMATICS	CC-6	Group Theory I	8	6	48	2018	6.00	6.20																
III		CC-7	Numerical Methods	5	6	30	2018	6.00	6.38	Q															
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2018			l			l	l]		
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018																		
		CC-8	Riemann Integration and Series of Functions	4	6	24	2019		Es Courses 0 5.09 0 4.90 0 6.38 3 5.23 0 9.50																
	MATHEMATICS	CC-9	Multivariate Calculus	5	6	30	2019																		
		CC-10	Ring Theory and Linear Algebra I	4	6	24	2019																		
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	4.33		Q															
	MATHEMATICS	SEC-2	Graph Theory	8	2	16	2019]																	
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	4	6	24	2019																		
V	MATHEMATICS	CC-12	Mechanics I	4	6	24	2019	1		SNC															
v		DSE-1	Linear Programming	NA	6	NA		1		SINC															
	MATHEMATICS	DSE-2	Probability & Statistics	6	6	36	2019	1																	
		CC-13	Metric Spaces and Complex Analysis	9	6	54	2020																		
X /T	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	0.50																	
VI	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020	9.50	9.50	Q															
	MATHEMATICS	DSE-4	Mechanics II	9	6	54	2020]																	
	umulative Grade Point Av umulative Grade Point Av						Letter G CGP		Result :	PNC															

Date of Publication of Result : 29.10.2020

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

Anindya	zohi	Pal
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Controller of Examinations

Course Types :		CGPA Le	tter 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		
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	E (E911)	the basis of CCs and DSEs.<5 or All semesters not cleared]		
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.		

Grade Point Norms:

Grade I onte i toring.		-	
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: BHASKAR KONER

Honours: MATHEMATICS

Roll No. 170311100024

Semester		Course		Grade	Credit	Grade	Credit			Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses 4.82 5.70 5.85 5.08 9.50	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2017			
	MATHEMATICS	CC-2	Algebra	4	6	24	2019]		
Ι	PHYSICS	GE-1	Mechanics	5	6	30	2017	4.00	Courses 4.82 5.70 5.85 5.08 9.50	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS	CC-3	Real Analysis	4	6	24	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	6	6	36	2019			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018	5.00		Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2018			
	MATHEMATICS	CC-6	Group Theory I	4	6	24	2018	5.22	5.85	
III		CC-7	Numerical Methods	6	6	36	2018	5.33	5.85	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018		3 5.85	
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2018			
		CC-8	Riemann Integration and Series of Functions	4	6	24	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	5	6	30	2019			
		CC-10	Ring Theory and Linear Algebra I	4	6	24	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019	4.33	5.70 5.85 5.08 9.50	Q
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2019			
V	MATHEMATICS	CC-12	Mechanics I	5	6	30	2019]		SNC
v	MATHEMATICS	DSE-1	Linear Programming	NA	6	NA]	5.70 5.85 5.08 9.50	SINC
	MATHEMATICS	DSE-2	Probability & Statistics	7	6	42	2019]		
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020			
VI	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	9.50	0.50	
V I	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020	9.30	9.50	Q
		DSE-4	Mechanics II	9	6	54	2020			
`	umulative Grade Point Av umulative Grade Point Av						Letter G CGP		Result :	PNC

Date of Publication of Result : 29.10.2020

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

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Aningra Zohi Pal Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	E (E911)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

Oraue I onit 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: **DIPENDU NANDI**

Honours: MATHEMATICS

Roll No. 170311100030

Semester	Caliert	Course	Course Title	Grade	Credit	Grade Point	Credit		on the sis of	Result
No.	Subject	Code	Course The	(G)	Value (V)	(G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017			
	WATHEWATICS	CC-2	Algebra	4	6	24	2017			
Ι	PHYSICS	GE-1	Mechanics	5	6	30	2017	4.50	5.09	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017]		
	MATHEMATICS	CC-3	Real Analysis	6	6	36	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	4	6	24	2018			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018	5.00	5.80	Q
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018			
	MATHEMATICS	CC-6	Group Theory I	6	6	36	2018			
III		CC-7	Numerical Methods66				2018	5.67	5.77	Q
	PHYSICS GE-3		Thermal Physics and Statistical Mechanics	5	6	30	2018			
	MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2018			
		CC-8	Riemann Integration and Series of Functions	7	6	42	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	6	6	36	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	5.67	6.23	Q
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	4	6	24	2019			
V	MATHEMATICS	CC-12	Mechanics I	5	6	30	2019	5.50	5.50	
v		DSE-1	Linear Programming	6	6	36	2019	5.50	5.50	Q
	MATHEMATICS	DSE-2	Probability & Statistics	7	6	42	2019			
		CC-13	Metric Spaces and Complex Analysis	9	6	54	2020			
3.71	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	0.75	0.75	
VI	MATHEMATICS	DSE-3				60	2020	9.75	9.75	Q
	MATHEMATICS DSE-4		Differential Geometry	60	2020					
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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

Aningra Zoh Pal Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)		1	NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

Grude i onte i tormo.			
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: JALALUDDIN SEIKH

Honours: MATHEMATICS

Roll No. 170311100033

Semester	Subject.	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the sis of	Result
No.	Subject	Code	Course The	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	NA	6	NA				
	MATHEMATICS	CC-2	Algebra 4 6 24				2019			
Ι	PHYSICS	GE-1	Mechanics	5	6	30	2017			SNC
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	MATHEMATICS	CC-3	Real Analysis	5	6	30	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	5	6	30	2019			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018	5.00	6.10	Q
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018				
	III MATHEMATICS	CC-6	Group Theory I	5	6	30	2018	4.67	4.02	
111		CC-7	Numerical Methods 4 6 24					4.67	4.92	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	5	6	30	2018			
	MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2018			
		CC-8	Riemann Integration and Series of Functions	6	6	36	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019	5.00	5.46	Q
	MATHEMATICS	SEC-2	Graph Theory	8	2	16	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	NA	6	NA				
V	MATHEMATICS	CC-12	Mechanics I	4	6	24	2019			SNC
v	MATHEMATICS	DSE-1	Linear Programming	4	6	24	2019			SINC
	MATHEMATICS	DSE-2	Probability & Statistics	5	6	30	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	8	6	48	2020			
VI		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	9.50	9.50	
V I	MATHEMATICS	DSE-3				60	2020	9.50	9.30	Q
	IVIA I DEIVIA LICS	DSE-4	Mechanics II 10 6 60							
· · · · ·	umulative Grade Point Av umulative Grade Point Av						Letter G		Result :	PNC

Date of Publication of Result : 29.10.2020

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

Course Types :		CGPA Let	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

Grade I onte i toring.		-	
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

Aningra Zoh Pal Controller of Examinations



Name: KOYEL HAZRA

Honours: PHYSICS

Roll No. 170311100038

Semester		Course		Grade	Credit	Grade	Credit		A on the sis of	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	PHYSICS		Mathematical Physics-I	7	6	42	2017			
	rni sics	CC-2	Mechanics	7	6	42	2017			
Ι	MATHEMATICS	GE-1	Differential Calculus	6	6	36	2017	7.00	6.73	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	PHYSICS	CC-3	Electricity and Magnetism	5	6	30	2018			
	PHI SICS	CC-4	Waves and Optics	5	6	30	2018			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2018	5.00	6.30	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5 Mathematical Pl		7	6	42	2018			
	PHYSICS	CC-6	Thermal Physics	6	6	36	2018			
III		CC-7	Digital Systems and Applications 8		6	48	2018	7.00	6.46	Q
	MATHEMATICS	GE-3	Real Analysis	4	6	24	2018			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	9	2	18	2018	1		
		CC-8	Mathematical Physics-III	6	6	36	2019			
	PHYSICS	CC-9	Elements of Modern Physics	6	6	36	2019			
		CC-10	Analog Systems & Applications	6	6	36	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	2019 6.00 6.38		Q
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	8	2	16	2019			
	PHYSICS	CC-11	Quantum Mechanics and Applications	5	6	30	2019			
v	1113103	CC-12	Solid State Physics	6	6	36	2019			SNC
v	PHYSICS	DSE-1	Advanced Mathematical Physics	6	6	36	2019			SINC
	rn151C5	DSE-2	Classical Dynamics	NA	6	NA				
	PHYSICS	CC-13	Electromagnetic Theory	8	6	48	2020			
VI	11110100	CC-14	Statistical Mechanics	7	6	42	2020	7.50	7.50	Q
V I	PHYSICS	DSE-3	3 Nuclear and Particle Physics 7 6		6	42	2020	/.50	7.50	
		DSE-4	Astronomy and Astrophysics	8	6	48	2020			
· · ·	umulative Grade Point Av umulative Grade Point Av						Letter G CGP		Result :	PNC

Date of Publication of Result : 29.10.2020

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

Anindya Zohi Pal

Controller of Examinations

Course Types :		CGPA Let	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

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: MONALISA YASMIN

Honours: MATHEMATICS

Roll No. 170311100043

Semester	Subject	Subject Course Course Title		Grade	Credit	Grade	Credit		on the sis of	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017			
	MATHEMATICS	CC-2	Algebra	24	2017					
Ι	PHYSICS	GE-1	Mechanics	4	6	24	2017	4.50	4.82	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS	CC-3	Real Analysis	7	6	42	2020			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	4	6	24	2018			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018	5.50	6.00	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018		L	
	-	CC-5	Theory of Real Functions & Introduction to Metric Spaces		6	36	2018			
	MATHEMATICS	CC-6	Group Theory I	6	6	36	2018	5.07	5 77	
III		CC-7	Numerical Methods	5	6	30	2018	5.67	5.77	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	6	2	12	2018			
		CC-8	Riemann Integration and Series of Functions	8	6	48	2020			
	MATHEMATICS	CC-9	Multivariate Calculus	5	6	30	2019			
		CC-10	Ring Theory and Linear Algebra I	4	6	24	2019			_
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019	5.67	5.92	Q
	MATHEMATICS	SEC-2	Graph Theory	8	2	16	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2019			
V	MATHEMATICS	CC-12	Mechanics I	5	6	30	2019	5.75	5.75	
v	MATHEMATICS	DSE-1	Linear Programming	4	6	24	2019	5.75	5.75	Q
	MATHEMATICS	DSE-2	Probability & Statistics	8	6	48	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020			
VI	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	9.75	0.75	
V I	MATHEMATICS	DSE-3			6	60	2020	9.73	9.75	Q
	MATHEMATICS DSE-4 Mechanics II		10	6	60	2020				
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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

Aningra Zoh Pal Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

Grude i onte i tormo.			
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: PARNA GHOSH

Honours: MATHEMATICS

Roll No. 170311100050

Semester		Course	6	Grade	Credit	Grade	Credit		on the	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (GXV)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2019			
			Algebra		6	36	2018			
Ι	PHYSICS	GE-1	Mechanics	5	6	30	2017	5.50	5.64	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS	CC-3	Real Analysis	5	6	30	2018			
	WIATHEWIATICS	CC-4	Differential Equations and Vector Calculus	5	6	30	2018			
II	COMPUTER SCIENCE	GE-2	Database Management Systems	8	6	48	2018	5.00	6.30	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
	CC-5	Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2018				
	MATHEMATICS	CC-6	Group Theory I	6	6	36	2018	6.00	6.1.5	
III		CC-7	Numerical Methods	6	6	36	2018	6.00	6.15	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
		CC-8	Riemann Integration and Series of Functions	9	6	54	2019			
	MATHEMATICS	CC-9	Multivariate Calculus		6	24	2019]		
IV		CC-10	Ring Theory and Linear Algebra I	6	6	36	2019	6.33	6.85	Q
	COMPUTER SCIENCE	GE-4	Computer System Architecture	8	6	48	2019			
	MATHEMATICS	SEC-2	Graph Theory	8	2	16	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2019			
V	WATTEWATES	CC-12	Mechanics I	7	6	42	2019	6.75	6.75	Q
v	MATHEMATICS	DSE-1	Linear Programming	5	6	30	2019	0.75	0.75	V V
	WATTEWATES	DSE-2	Probability & Statistics	8	6	48	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020			
VI		CC-14 Ring Theory and Linear Algebra II		10	6	60	2020	9.75	9.75	Q
V I	MATHEMATICS	DSE-3 Group Theory II		10	6	60	2020	9.15	9.13	
		DSE-4	Mechanics II	10	6	60	2020			
	umulative Grade Point Ave umulative Grade Point Ave						Letter G		Result	t : Q

Date of Publication of Result : 29.10.2020

Course Types :

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

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

CGPA Let	tter Grades	_	Result Codes:
Letter Grade	CGPA	Letter Grade	Q - Qualified
O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
4 (20) 44 3			

course rypes .		0011120	cter ornaes		itebuit course		
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		
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]		
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.		

Grade Point Norms:

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

Anindya zohi Pal Controller of Examinations





Name: PRIYANKA MUKHERJEE

Honours: CHEMISTRY

Roll No. 170311100057

Semester		Course	Course Title	Grade	Credit	Grade	Credit		on the sis of	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	CHEMISTRY	CC-1	Organic Chemistry-I	7	6	42	2017			
		CC-2	Physical Chemistry-I	7	6	42	2017		6.00	
I	MATHEMATICS	GE-1	Differential Calculus	4	6	24	2017	7.00		Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	CHEMISTRY	CC-3	Inorganic Chemistry-I	6	6	36	2018			
	CHEMISTRY	CC-4	Organic Chemistry-II	7	6	42	2018			
II	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2018	6.50	6.80	Q
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2018			
			Physical Chemistry-II	7	6	42				
	CHEMISTRY	CC-6	Inorganic Chemistry-II	8	6	48	2018			
III		CC-7	Organic Chemistry-III	5	6	30	2018	6.67	6.00	Q
	MATHEMATICS	GE-3	Real Analysis	4	6	24	2018			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	6	2	12	2018			
		CC-8	Physical Chemistry-III	5	6	30	2019			
	CHEMISTRY	CC-9	Inorganic Chemistry-III	7	6	42	2019			
IV		CC-10	Organic Chemistry - IV	5	6	5 30 2019	5.67	5.77	Q	
	PHYSICS	GE-4	Waves and Optics	5	6	30	2019			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	9	2	18	2019			
	CHEMISTRY	CC-11	Inorganic Chemistry-IV	6	6	36	2019			
v	CHEMISTRY	CC-12	Organic Chemistry-V	7	6	42	2019	6.25	6.25	
v	CHEMISTRY	DSE-1	Advanced Physical Chemistry	5	6	30	2019	0.23	0.23	Q
	CHEMISTRY	DSE-2	Analytical Methods in Chemistry	7	6	42	2019			
	CHEMISTRY	CC-13	Inorganic Chemistry-V	8	6	48	2020			
VI	CHEMISTRY CC-14		Physical Chemistry-IV	9	6	54	2020	9.00		0
VI VI	CHEMISTRY	DSF-3 Polymer Chemistry		9	6	54	2020	9.00	9.00	Q
		DSE-4	Inorganic Materials of Industrial Importance	10	6	60	2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t:Q
COFA(C	unulative Grade Foull AV	(erage) on th	C 04515 01 AII COUISES . 0.02							

Date of Publication of Result : 29.10.2020

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

Anindya Zohi Pal
Controller of Examinations

i=1 i=1 **Result Codes: Course Types : CGPA Letter Grades** Q - Qualified CC - Core Course CGPA Letter Grade CGPA Letter Grade GE - Generic Elective B (Average) SNC – Semester Not Cleared PNC – Programme Not Cleared [CGPA on 9 and above O (Outstanding) 5 to below 6 DSE – Discipline Specific Elective 8 to below 9 A+ (Excellent) 4 to below 5 P (Pass) the basis of CCs and DSEs.<5 or All F (Fail) SEC - Skill Enhancement Course 7 to below 8 A (Very Good) Below 4 semesters not cleared] AECC - Ability Enhancement NC denotes "Not Computed" due to absence in C1, 6 to below 7 B+ (Good) C2 and C4 as applicable.

Compulsory Course 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: RAHUL TAPADAR

Honours: MATHEMATICS

Roll No. 170311100058

Semester	S-hi4	Course	Course Title	Grade	Credit	Grade	Credit		on the sis of	Result
No.	Subject	Code	Course 1 the	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	7	6	42	2017			
	WATHLWATES		Algebra	5	6	30	2017]		
Ι	PHYSICS	GE-1	Mechanics	5	6	30	2017	6.00	5.91	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017	1		
	MATHEMATICS	CC-3	Real Analysis	7	6	42	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	4	6	24	2018			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018	5.50	6.40	Q
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2018			
III	MATHEMATICS	CC-6	Group Theory I	5	6	30	2018		6.00	
		CC-7	Numerical Methods	6	6	36	2018	5.67	6.23	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2018			
		CC-8	Riemann Integration and Series of Functions	5	6	30	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	5	6	30	2019			
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	5.67	6.23	Q
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2019			
V	MATHEMATICS	CC-12	Mechanics I	4	6	24	2019	1		SNC
v		DSE-1	Linear Programming	NA	6	NA		1		SINC
	MATHEMATICS	DSE-2	Probability & Statistics	7	6	42	2019]		
		CC-13	Metric Spaces and Complex Analysis	9	6	54	2020			
VI	MATHEMATICS	IEMATICS CC-14 Ring Theory and Linear Algebra II		10	6	60	2020	0.75	0.75	
VI		DSE-3	Group Theory II	10	6	60	2020	9.75	9.75	Q
	MATHEMATICS	DSE-4	Mechanics II	10	6	60	2020	1		
· · · · · ·	Cumulative Grade Point Av			-		-		Letter Grade in		PNC
CGPA (C	Cumulative Grade Point Av		CGP	A :	Result : PNC					

Date of Publication of Result : 29.10.2020

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

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Controller of Examinations

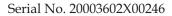
Course Types :		CGPA Le	tter Grades	Result Codes:	
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC - Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	v 8 A (Very Good) Below 4 F (Fail)		the basis of CCs and DSEs.<5 or All semesters not cleared]	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

Oraue I onit 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: SHYAM PRASAD THAKUR

Honours: MATHEMATICS

Roll No. 170311100071

Semester		Course	Course Title	Grade	Credit	Grade	Credit		on the sis of	Result
No.	Subject	Code	2		Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2017			
	WATTEWATES	CC-2	Algebra	NA	6	NA				
Ι	PHYSICS	GE-1	Mechanics	5	6	30	2017			SNC
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS	CC-3	Real Analysis	5	6	30	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	5	6	30	2018			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018	5.00	6.10	Q
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	7	6	42	2018			
	MATHEMATICS	CC-6	Group Theory I	6	6	36	2018	6.00	6.21	
III		CC-7	Numerical Methods	5	6	30	2018	6.00	6.31	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	10	2		2018			
	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	8	6	48	2019			
		CC-9	Multivariate Calculus	7	6	42	2019			
		CC-10	Ring Theory and Linear Algebra I	9	6	54	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019	8.00	7.54	Q
	MATHEMATICS	SEC-2	Graph Theory	8	2	16	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2019			
V	MATHEMATICS	CC-12	Mechanics I	4	6	24	2019	5.75	5.75	
v	MATHEMATICS	DSE-1	Linear Programming	5	6	30	2019	5.75	5.75	Q
	MATHEMATICS	DSE-2	Probability & Statistics	8	6	48	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020			
VI	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	9.50	9.50	
V I	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020	9.50	9.50	Q
	IVIA I DEIVIA LICS	DSE-4	Mechanics II	9	6	54	2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G		Result :	PNC

Date of Publication of Result : 29.10.2020

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

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Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8			F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

Grade i onit i torms.	_	-		
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

2





Name: SNEHASISH BHATTACHARYA

Honours: MATHEMATICS

Roll No. 170311100073

Semester		Course		Grade	Credit	Grade	Credit		on the sis of	Result
No.	Subject	Code	Course Title	(G) (V) (G×V) Year CCs & DSEs s, Geometry & Differential Equations 7 6 42 2017		All Courses	Code			
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	7	6	42	2017		5.18	
	MATHEMATICS	CC-2	Algebra	4	6	24	2018			
Ι	PHYSICS	GE-1	Mechanics	4	6	24	2017	5.50		Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	MATHEMATICS		Real Analysis	4	6	24	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	6	6	36	2019		5.80	
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018	5.00		Q
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018			
	MATHEMATICS	CC-6	Group Theory I	5	6	30	2018	1.67	4.00	
III		CC-7	Numerical Methods	4	6	24	2018	4.67	4.92	Q
H	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	5	6	30	2018			
	MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2018			
	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	7	6	42	2019			
		CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	5	6	30	2019	6.00	5.85	Q
	MATHEMATICS	SEC-2	Graph Theory	7	2	14	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2019			
V	MATHEMATICS	CC-12	Mechanics I	NA	6	NA				SNC
v		DSE-1	Linear Programming	4	6	24	2019			SINC
	MATHEMATICS	DSE-2	Probability & Statistics	7	6	42	2019			
		CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
3.71	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	0.75	0.75	
VI	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020	9.75	9.75	Q
	MATHEMATICS	DSE-4	Mechanics II 9 6 54 2020					1		
· · · · · ·	Cumulative Grade Point Av						Letter G		Result :	PNC

Date of Publication of Result : 29.10.2020

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

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

Aningra Zoh Pal Controller of Examinations

Course Types :		CGPA Le	tter 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	
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	E (E911)	the basis of CCs and DSEs.<5 or All semesters not cleared]	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.	

Grade Point Norms:

Grade I onte i tormo.				
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: SOUMYA MUKHOPADHYAY

Honours: MATHEMATICS

Roll No. 170311100079

Semester		Course	6	Grade	Credit	Grade Point	Credit			Result
No.	Subject	Code	Course Title	(G)	Value (V)	(G×V)	Retained Year	CCs & DSEs	All	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2019			
	WATTEWATCS	CC-2	Algebra	4	6	24	2017			
Ι	PHYSICS	GE-1	Mechanics	5	6	30	2017	4.50	4.91	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	MATHEMATICS	CC-3	Real Analysis	5	6	30	2018			
	WATHEWATICS	CC-4	Differential Equations and Vector Calculus	7	6	42	2019			
II	COMPUTER SCIENCE	GE-2	Database Management Systems	9	6	54	2018	6.00	7.10	Q
	Communicative English/MIL	AECC-2			2	16	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018			
	MATHEMATICS	CC-6	Group Theory I	7	6	42	2018			
III		CC-7	Numerical Methods	6	6	36	2018	6.00	6.23	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018]		
	MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2018			
		CC-8 Riemann Integration and Series of Functions		6	6	36	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	4	6	24	2019			
IV		CC-10	Ring Theory and Linear Algebra I	6	6	36	2019	5.33	6.00	Q
	COMPUTER SCIENCE	GE-4	Computer System Architecture	8	6	48	2019			
	MATHEMATICS	SEC-2	Graph Theory	6	2	12	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2019			
V	WATHEWATICS	CC-12	Mechanics I	5	6	30	2019	6.75	6 75	Q
	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2019	0.75	0.75	Q
	WATHEWATICS	DSE-2	Probability & Statistics	9	6	54	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	20		
VI		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	9.75	9.75	Q
	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020	9.75	9.75	Q
		DSE-4	Mechanics II	10	6	60	2020			
	umulative Grade Point Ave	0 /					Letter G CGPA		Result	::Q
CUPA (C	umulative Grade Point Ave	rage) on th	e basis of All Courses : 0.79				COPA	. D⊤		

Date of Publication of Result : 29.10.2020

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

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	Course 7 to below 8 A (Very Good)		Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All
SEC – Skill Elillancement Course	/ 10 0010 % 8	A (Very Good)	Below 4	r (raii)	semesters not cleared]
AECC – Ability Enhancement	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1,
Compulsory Course	0.0000000 /	D (0000)			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)

 $\times S_i$)

V_i

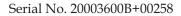
Percentage Conversion Formula:

= (SGPA or CGPA $\times 10$) - 5.0

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

Anindya zohi Pal

Controller of Examinations





Name: SUBHRA SANKHA BISWAS

Honours: MATHEMATICS

Roll No. 170311100089

Semester		Course		Grade	Credit	Grade	Credit		on the	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	6	6	36	2017			
	WATHEWATICS	CC-2	Algebra	5	6	30	2017			
Ι	PHYSICS	GE-1	Mechanics	6	6	36	2017	5.50	5.91	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS	CC-3	Real Analysis	8	6	48	2018			
	WATHEWATICS	CC-4	Differential Equations and Vector Calculus	4	6	24	2018			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2018	6.00	7.00	Q
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018			
	MATHEMATICS	CC-5 Theory of Real Functions & Introduction to Metric Spaces		5	6	30	2018			
	MATHEMATICS	CC-6	Group Theory I	7	6	42	2018	5.07	5 77	0
III		CC-7	Numerical Methods	5	6	30	2018	5.67 5.77	Q	
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	5	6	30	2018			
	MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2018			
		CC-8	Riemann Integration and Series of Functions	6	6	36	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2019	5.67	6.46	Q
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019		Courses 5.91 7.00 5.77 6.46 6.50 9.75	
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2019			
V	MATHEMATICS	CC-12	Mechanics I	6	6	36	2019	6.50	(50	
v		DSE-1	Linear Programming	5	6	30	2019	0.50		Q
	MATHEMATICS	DSE-2	Probability & Statistics	9	6	54	2019			
		CC-13	Metric Spaces and Complex Analysis	9	6	54	2020			
171	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	0.75	0.75	
VI	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020	9.75	9.75	Q
	WIATHENIATICS	DSE-4	Differential Geometry	10	6	60	2020			
· · · · ·	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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

Aningra Zoh Pal Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

Grude i onte i torinst				
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: ARPITA ROY

Honours: MATHEMATICS

Roll No. 170311200023

Semester	~	Course		Grade	Credit	Grade	Credit		on the	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	8	6	48	2017			
	MATHEMATICS	CC-2	Algebra	7	6	42	2017			
Ι	PHYSICS	GE-1	Mechanics	7	6	42	2017	7.50	7.27	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS	CC-3	Real Analysis	9	6	54	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	9	6	54	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2018	9.00		Q
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018			
	MATHEMATICS	CC-6	Group Theory I	9	6	54	2018			
III		CC-7	Numerical Methods	9	6	54	2018	7.33	7.46	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018		3 7.46	
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2018			
		CC-8	Riemann Integration and Series of Functions	9	6	54	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	6	6	36	2019			Q
IV		CC-10	Ring Theory and Linear Algebra I	10	6	60	2019	8.33	8.62	
	PHYSICS	GE-4	Waves and Optics	9	6	54	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019		7.46 8.62 8.00 10.00	
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2019			
v	MATHEMATICS	CC-12	Mechanics I	6	6	36	2019	8.00	0.00	
	MATHEMATICS	DSE-1	Linear Programming	9	6	54	2019	8.00	8.00	Q
	MATHEMATICS	DSE-2	Probability & Statistics	8	6	48	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	
VI	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020	10.00	0 10.00	Q
	MATHEMATICS	DSE-4	Mechanics II	10	6	60	2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	: Q

Date of Publication of Result : 29.10.2020

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

Anindya zohi Pal

Controller of Examinations

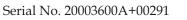
Course Types :		CGPA Let	tter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC - Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)		-	NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

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: ATANU GHOSH

Honours: PHYSICS

Roll No. 170311200028

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the sis of	Result
No.	Subject	Code	Course The	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	PHYSICS	CC-1	Mathematical Physics-I	8	6	48	2017			
	rn151C5	CC-2	Mechanics	9	6	54	2017			
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2017	8.50	8.09	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	PHYSICS	CC-3	Electricity and Magnetism	8	6	48	2018			
	rni sics	CC-4	Waves and Optics	8	6	48	2018		7.90	
II	MATHEMATICS	GE-2	Differential Equations	7	6	42	2018	8.00		Q
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
		CC-5	Mathematical Physics-II	10	6	60	2018			
	PHYSICS	CC-6	Thermal Physics	8	6	48	2018			
III		CC-7	Digital Systems and Applications	8	6	48	2018	8.67	8.31	Q
	MATHEMATICS	GE-3	Real Analysis	7	6	42	2018		8.67 8.31	
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	9	2	18	2018			
		CC-8	Mathematical Physics-III	9	6	54	2019			
	PHYSICS	CC-9	Elements of Modern Physics	9	6	54	2019			
		CC-10	Analog Systems & Applications	10	6	60	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2019	9.33	9.15	Q
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	8	2	16	2019			
	PHYSICS	CC-11	Quantum Mechanics and Applications	8	6	48	2019			
v	rni sics	CC-12	Solid State Physics	8	6	48	2019	7.75	7.75	
v	PHYSICS	DSE-1	Advanced Mathematical Physics	8	6	48	2019	1.75	1.15	Q
	PHISICS	DSE-2	Classical Dynamics	7	6	42	2019			
	PHYSICS	CC-13	Electromagnetic Theory	10	6	60	2020			
VI	rni sics	CC-14	Statistical Mechanics	9	6	54	2020	9.50	9.50	
V I	PHYSICS	DSE-3	Nuclear and Particle Physics	9	6	54	2020	9.50	9.30	Q
	DSE-4 Astronomy and Astrophysics 10 6 60		60	2020						
	umulative Grade Point Av						Letter G		Result	t · 0
CGPA (C	umulative Grade Point Av	verage) on th	e basis of All Courses : 8.48				CGPA	: A+	resur	~ ~

Date of Publication of Result : 29.10.2020

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

Anindya zohi Pal

Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

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: DEBLINA SARKAR

Honours: MATHEMATICS

Roll No. 170311200038

Semester		Course		Grade	Credit	Grade	Credit		on the	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	9	6	54	2017			
	MATHEMATICS	CC-2	Algebra	7	6	42	2017			
Ι	PHYSICS	GE-1	Mechanics	7	6	42	2017	8.00	7.55	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS	CC-3	Real Analysis	10	6	60	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	9	6	54	2018			
Π	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2018	9.50	9.30	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5 Theory of Real Functions & Introducti Metric Spaces		5	6	30	2018			
	MATHEMATICS	CC-6	Group Theory I	9	6	54	2018			
III		CC-7	Numerical Methods	9	6	54	2018	7.67	7.92	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2018			
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2018			
		CC-8	Riemann Integration and Series of Functions	9	6	54	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	8	6	48	2019			Q
IV		CC-10	Ring Theory and Linear Algebra I	10	6	60	2019	9.00	8.62	
	PHYSICS	GE-4	Waves and Optics	7	6	42	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2019			
v	MATHEMATICS	CC-12	Mechanics I	7	6	42	2019	8.50	8.50	
	MATHEMATICS	DSE-1	Linear Programming	8	6	48	2019	8.50	8.50	Q
	MATHEMATICS	DSE-2	Probability & Statistics	9	6	54	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
VI		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	Q
	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020	10.00	10.00	
		DSE-4	Mechanics II	10	6	60	2020			
	umulative Grade Point Av umulative Grade Point Av	<u> </u>					Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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

Anindya Zohi Pal

Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

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: DIPANWITA SAHA

Honours: MATHEMATICS

Roll No. 170311200045

Semester		Course		Grade	Credit	Grade	Credit		on the	Result		
No.	Subject	Code	Course Title	(G) Value Po (G) (V) (G>		Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code		
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	8	6	48	2017					
	MATHEMATICS	CC-2	Algebra	6	6	36	2017	7.00				
Ι	PHYSICS	GE-1	Mechanics	lechanics 8 6 48					7.27	Q		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017					
	MATHEMATICS	CC-3	Real Analysis	5	6	30	2018					
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	7	6	42	2018					
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2018	6.00	6.90	Q		
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018					
	MATHEMATICS	CC-5 Theory of Real Functions & Introduction Metric Spaces		4	6	24	2018					
		CC-6	Group Theory I	7	6	42	2018					
III		CC-7	Numerical Methods	7	6	42	2018	6.00	6.31	Q		
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry		6	36	2018	018				
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2018					
		CC-8	Riemann Integration and Series of Functions	7	6	42	2019					
	MATHEMATICS	CC-9	Multivariate Calculus	7	6	42	2019					
IV		CC-10	Ring Theory and Linear Algebra I	9	6	54	2019	7.67	7.69	Q		
	PHYSICS	GE-4	Waves and Optics	7	6	42	2019					
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019					
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2019					
v	MATHEMATICS	CC-12	Mechanics I	6	6	36	2019	7.00	7.00			
	MATHEMATICS	DSE-1	Linear Programming	7	6	42	2019	/.00	7.00	Q		
	MATHEMATICS	DSE-2	Probability & Statistics	6	6	36	2019					
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020					
VI		ICS CC-14 Ring Theory and Linear Algebra II		10	6	60	2020	9.75	9.75	Q		
	MATHEMATICS	DSE-3	Group Theory II	10 6 60		60	2020	9.75	9.13			
		DSE-4	Mechanics II	9	6	54	2020					
``````````````````````````````````````	umulative Grade Point Av umulative Grade Point Av	<u> </u>					Letter G CGPA		Result	t : Q		

Date of Publication of Result : 29.10.2020

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

## Anindya Zohi Pal

Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)		-	NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

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: RAJESH GHOSH

#### **Honours: MATHEMATICS**

Roll No. 170311200086

Semester	~ ~ ~ ~	Course		Grade	Credit	Grade	Credit		on the	Result	
No.	Subject Course Course Title		(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code		
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	8	6	48	2017				
	MATHEMATICS	CC-2	Algebra	6	6	36	2017				
Ι	PHYSICS	GE-1	Mechanics	6	6	36	2017	7.00	6.36	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies								
	MATHEMATICS	CC-3	Real Analysis	8	6	48	2018				
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	8	6	48	2018				
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018	8.00	7.70	Q	
	Communicative English/MIL	AECC-2	Bengali	8	2	16	16 2018				
	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018				
		CC-6	Group Theory I	6	6	36	2018				
III		CC-7	Numerical Methods	7	6	42	2018	5.67	6.31	Q	
			GE-3 Chemical Energetic, Equilibria, Organic Chemistry		6	42	2018				
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2018				
		CC-8	Riemann Integration and Series of Functions	8	6	48	2019				
	MATHEMATICS	CC-9	Multivariate Calculus	7	6	42	2019				
IV		CC-10	Ring Theory and Linear Algebra I	9	6	54	2019	8.00	7.69	Q	
	PHYSICS	GE-4	Waves and Optics	6	6	36	2019				
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019				
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019				
v	MATHEMATICS	CC-12	Mechanics I	5	6	30	2019	6.50	6.50	Q	
v	MATHEMATICS	DSE-1	Linear Programming	7	6	42	2019	0.50	0.50		
	MATHEMATICS	DSE-2	Probability & Statistics	6	6	36	2019				
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020				
VI		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	Q	
V I	MATHEMATICS	DSE-3	Group Theory II	10 6 60		60	2020	10.00	10.00		
		DSE-4	Mechanics II	10	6	60	2020				
	Cumulative Grade Point Av						Letter G CGPA		Result	t : Q	

Date of Publication of Result : 29.10.2020

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

## Anindya Zohi Pal

Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)		-	NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### Grade Point Norms:

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: ROUSHANA FIRDOUS

#### **Honours: MATHEMATICS**

Roll No. 170311200095

Semester		Course		Grade	Credit	Grade	Credit		on the	Result
No.	Code	Value (V)	Point (GXV)	Retained Year	CCs & DSEs	All Courses	Code			
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2017			
	WATHEWATICS	CC-2	Algebra	6	6	36	2017			
Ι	PHYSICS	GE-1	Mechanics	7	6	42	2017	5.00	5.73	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	MATHEMATICS	CC-3	Real Analysis	8	6	48	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	8	6	48	2018			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2018	8.00	8.10	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018			
		CC-6	Group Theory I	8	6	48	2018			
III		CC-7	Numerical Methods	8	6	48	2018	7.00	7.00	Q
	CHEMISTRY GE-3		Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2018			
		CC-8	Riemann Integration and Series of Functions	7	6	42	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	7	6	42	2019			
IV		CC-10	Ring Theory and Linear Algebra I	9	6	54	2019	7.67	7.69	Q
	PHYSICS	GE-4	Waves and Optics	7	6	42	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2019			
V	WATHEWATICS	CC-12	Mechanics I	8	6	48	2019	8.25	8.25	
	MATHEMATICS	DSE-1	Linear Programming	9	6	54	2019	0.23	0.23	Q
	MATHEMATICS	DSE-2	Probability & Statistics	7	6	42	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
VI		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	
	MATHEMATICS	DSE-3	Group Theory II	10 6 60		60	2020	10.00	10.00	Q
	IVIA I DEIVIA LICS	DSE-4	Mechanics II	10	6	60	2020			
· · · · ·	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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

Anindya zohi Pal

Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)		-	NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

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:

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



Name: SABYASACHI PAL

#### **Honours: ZOOLOGY**

Roll No. 170311200099

Semester	Sachia -4	Course	Course Title	Grade	Credit	Grade	Credit	1	on the sis of	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	ZOOLOGY	CC-1	Non-chordates I	7	6	42	2017			
	2001001	CC-2	Ecology	7	6	42	2017			
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017	7.00	7.00	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	ZOOLOGY	CC-3	Non-chordates II	6	6	36	2018			
	2001001	CC-4	Cell Biology	6	36	2018				
II	BOTANY	GE-2	Plant Ecology and Taxonomy	6	54	2018	6.00	7.20	Q	
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Chordates	8	6	48	2018			
	ZOOLOGY	CC-6	Animal Physiology: Controlling and Coordinating Systems	8	6	48	2018			
III		CC-7	Fundamentals of Biochemistry	9	6	54	2018	8.33	8.08	Q
	BOTANY	GE-3	Plant Anatomy and Embryology	7	6	42	2018	1		
	ZOOLOGY	SEC-1	Sericulture	9	2	18	2018			
		CC-8	Comparative Anatomy of Vertebrates	8	6	48	2019			
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	7	6	42	2019	1		
		CC-10	Immunology	8	6	48	2019	1		
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2019	7.67	7.85	Q
	ZOOLOGY	SEC-2	Medical Diagnostics	9	2	18	2019			
	ZOOLOGY	CC-11	Molecular Biology	8	6	48	2019			
V	2001001	CC-12	Genetics	9	6	54	2019	8.00	8.00	
v	7001003	DSE-1	Animal Biotechnology	8	6	48	2019	8.00	8.00	Q
	ZOOLOGY	DSE-2	Parasitology	7	6	42	2019	1		
	7001003	CC-13	Developmental Biology	9	6	54	2020			
VI	ZOOLOGY	CC-14	Evolutionary Biology	8	6	48	2020	9.00	9.00	
V 1	7001.002	DSE-3 Animal Behaviour 10				60	2020	9.00	9.00	Q
	ZOOLOGY	DSE-4								
<u> </u>	umulative Grade Point Av umulative Grade Point Av	0 /					Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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

Aningra Zoh Pal Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	E (Earl)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

Grude i onte i tormo.			
90% to 100%		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: SAYAK MONDAL

#### **Honours: MATHEMATICS**

Roll No. 170311200117

Semester		Course		Grade	Credit	Grade	Credit		on the	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	7	6	42	2017			
	MATHEMATICS	CC-2	Algebra	9	6	54	2017			
Ι	PHYSICS	GE-1	Mechanics	7	6	42	2017	8.00	7.55	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS	CC-3	Real Analysis	7	6	42	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	10	6	60	2018			
II	CHEMISTRY GE-2		States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2018	8.50	8.40	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018			
	MATHEMATICS	CC-6	Group Theory I	8	6	48	2018			
III		CC-7	Numerical Methods	7	6	42	2018	6.33	6.77	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2018			
		CC-8	Riemann Integration and Series of Functions	6	6	36	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	6	6	36	2019			
IV		CC-10	Ring Theory and Linear Algebra I	9	6	54	2019	7.00	7.23	Q
	PHYSICS	GE-4	Waves and Optics	7	6	42	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2019			
v	MATHEMATICS	CC-12	Mechanics I	5	6	30	2019	7.00	7.00	Q
v	MATHEMATICS	DSE-1	Linear Programming	7	6	42	2019	/.00	7.00	
	MATHEMATICS	DSE-2	Probability & Statistics	7	6	42	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
VI		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	Q
V I	MATHEMATICS	DSE-3	Group Theory II 10 6 60				2020	10.00	10.00	
		DSE-4					2020			
	Cumulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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

# Anindya zohi Pal

Controller of Examinations

Course Types :		CGPA Let	tter Grades	Result Codes:	
CC – Core Course	CGPA	CGPA Letter Grade CGPA Letter Grade		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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)		-	NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

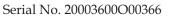
#### **Grade Point Norms:**

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: SHANTANU GHOSH

#### **Honours: ZOOLOGY**

Roll No. 170311200120

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the sis of	Result
No.	Subject	Code	Course The	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	ZOOLOGY	CC-1	Non-chordates I	9	6	54	2017			
	2001001	CC-2	Ecology	10	6	60	2017			
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	10	6	60	2017	9.50	9.36	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies 8 4 32 2017							
	ZOOLOGY	CC-3	Non-chordates II	9	6	54	2018			
	2001001	CC-4	Cell Biology	54	2018					
II	BOTANY	GE-2	Plant Ecology and Taxonomy	9	6	54	2018	9.00	8.80	Q
	Communicative English/MIL	AECC-2	Communicative English	2	14	2018				
		CC-5	Chordates	9	9 6 54		2018			
	ZOOLOGY	CC-6	Animal Physiology: Controlling and Coordinating Systems	9	6	54	2018			
III		CC-7	Fundamentals of Biochemistry	9	6	54	2018	9.00	9.08	Q
	BOTANY	GE-3	Plant Anatomy and Embryology	9	6	54	2018	1		
ZOOLOGY SE			Sericulture	20	2018					
		CC-8	Comparative Anatomy of Vertebrates	8	6	48	2019			
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	9	6	54	2019	]		
		CC-10	Immunology	9	6	54	2019	1	8.62	
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2019	8.67		Q
	ZOOLOGY	SEC-2	Medical Diagnostics	10	2	20	2019			
	ZOOLOGY	CC-11	Molecular Biology	9	6	54	2019			
v	2001001	CC-12	Genetics	9	6	54	2019	9.00	9.00	
v	7001003	DSE-1	Animal Biotechnology	9	6	54	2019	9.00	9.00	Q
	ZOOLOGY	DSE-2	Parasitology	9	6	54	2019	]		
	7001003	CC-13	Developmental Biology	9	6	54	2020			
VI	ZOOLOGY	CC-14	Evolutionary Biology	10	6	60	2020	9.75	9.75	
V I	DSE-3		Animal Behaviour	10	6	60	2020	9.13	9.13	Q
	ZOOLOGY	DSE-4	Endocrinology 10 6 60							
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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

Aningra Zoh Pal Controller of Examinations

Course Types :		CGPA Le	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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

Of auc I offic 100 ms.				
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: SK SOHEL

#### **Honours: MATHEMATICS**

Roll No. 170311200128

Semester		Course		Grade	Credit	Grade	Credit	1	on the	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2017			
	MATTEMATICS	CC-2	Algebra	6	6	36	2017			
I PHYSICS		GE-1	Mechanics	5	6	30	2019	5.00	5.18	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	MATHEMATICS	CC-3	Real Analysis	7	6	42	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	7	6	42	2018			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018	7.00	7.20	Q
	Communicative English/MIL	AECC-2	8		2	18	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018			
	MATHEMATICS	CC-6	Group Theory I	6	6	36	2018			
III		CC-7	Numerical Methods	7	6	42	2018	5.67	5.62	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	4	6	24	2019	)19		
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2018			
		CC-8	Riemann Integration and Series of Functions	4	6	24	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	8	6	48	2020			
IV		CC-10	Ring Theory and Linear Algebra I	7	6	42	2019	6.33	6.31	Q
	PHYSICS	GE-4	Waves and Optics	5	6	30	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019			
V	MATHEMATICS	CC-12	Mechanics I	NA	6	NA				SNC
v	MATHEMATICS	DSE-1	Linear Programming	4	6	24	2019			SINC
	MATHEMATICS	DSE-2	Probability & Statistics	5	6	30	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020			
VI	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	9	6	54	2020	9.25	9.25	
V I	MATHEMATICS DSE-3		Group Theory II	10	6	60	2020	9.23	9.23	Q
		DSE-4	Mechanics II	9	6	54	2020			
	umulative Grade Point Av umulative Grade Point Av						Letter Grade in CGPA : Result : Pl			PNC

Date of Publication of Result : 29.10.2020

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

# Anindya zoti Pal

Controller of Examinations

Course Types :		CGPA Le	tter Grades	Result Codes:	
CC – Core Course	CGPA Letter Grade CGP		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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### Grade Point Norms:

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: SOMDATTA ROY

#### **Honours: MATHEMATICS**

Roll No. 170311200129

Semester		Course		Grade	Credit	Grade	Credit	ha	on the	Result		
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs &	All Courses	Code		
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	6	6	36	2018					
	MATHEMATICS	CC-2	Algebra	4	6	24	2017					
Ι	PHYSICS	GE-1	Mechanics	6	6	36	2017	5.00	5.45	Q		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	24	2017							
	MATHEMATICS	CC-3	Real Analysis	7	6	42	2018					
	MATHEMATICS	CC-4	Course Title(G)dechanics6gebra4echanics6undamentals of Environmental Studies6eal Analysis7fferential Equations and Vector Calculus7ates of Matter & Chemical Kinetics, Chemical onding & Molecular Structure, P-Block7ements9neory of Real Functions & Introduction to etric Spaces4emistry7oroup Theory I7umerical Methods8nemical Energetic, Equilibria, Organic nemistry6orgic and Sets10undariate Calculus4aves and Optics5raph Theory10rtial Differential Equations and Applications7echanics I4near Programming5obability & Statistics5etric Spaces and Complex Analysis10ng Theory and Linear Algebra II10			42	2018					
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018	7.00	7.20	Q		
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018					
	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018					
		CC-6	Group Theory I	7	6	42	2018					
III		CC-7	Numerical Methods	8	6	48	2018	6.33	6.54 (	Q		
	CHEMISTRY GE		Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018					
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2018					
		CC-8	Riemann Integration and Series of Functions	5	6	30	2019					
	MATHEMATICS	CC-9	Multivariate Calculus	4	6	24	2019					
IV		CC-10	Ring Theory and Linear Algebra I	8	6	48	2019	5.67	5.85	Q		
	PHYSICS	GE-4	Waves and Optics	5	6	30	2019					
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019					
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2019					
v	MATHEMATICS	CC-12	Mechanics I	4	6	24	2019	5.25	5.25			
	MATHEMATICS	DSE-1	Linear Programming	5	6	30	2019	5.25	5.25	Q		
	MATHEMATICS	DSE-2	Probability & Statistics	5	6	30	2019					
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020					
VI	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00			
	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020	10.00	10.00	Q		
	MATHEMATICS	DSE-4	Mechanics II	10	6	60	2020					
	umulative Grade Point Av umulative Grade Point Av			-	-		Letter G CGPA		Result	: Q		

Date of Publication of Result : 29.10.2020

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

# Anindya Zohi Pal

Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

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: SOMNATH SAMANTA

Honours: ZOOLOGY

Roll No. 170311200131

Semester	~	Course		Grade	Credit	Grade	Credit		on the sis of	Result		
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code		
	ZOOLOGY		Non-chordates I	5	6	30	2017					
	2001001	CC-2	Ecology	6	6	36	2017					
Ι	I PHYSIOLOGY	GE-1	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	7	6	42	2017	5.50	6.18	Q		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017					
	ZOOLOGY	CC-3	Non-chordates II	5	6	30	2018					
	2001001	CC-4	Cell Biology	5	6	30	2018					
II	II BOTANY	GE-2	Plant Ecology and Taxonomy	7	6	42	2018	5.00	6.10	Q		
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018		5.85			
		CC-5	Chordates	6	6	36	2018					
	ZOOLOGY	CC-6	Animal Physiology: Controlling and Coordinating Systems56302018									
III		CC-7	Fundamentals of Biochemistry	5	6	30	2018	5.33	5.85	Q		
	BOTANY GE-		Plant Anatomy and Embryology	7	6	42	2018					
	ZOOLOGY	SEC-1	Sericulture	7	2	14	2018			<u> </u>		
		CC-8	Comparative Anatomy of Vertebrates	5	6	30	2019					
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	4	6	24	2019					
IV		CC-10	Immunology	4	6	24	2019	4.33	4.77	Q		
	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	5	6	30	2019		,	×		
	ZOOLOGY	SEC-2	Medical Diagnostics	8	2	16	2019					
	ZOOLOGY	CC-11	Molecular Biology	5	6	30	2019					
v	2001001	CC-12	Genetics	5	6	30	2019	6.00	6.00	Q		
	ZOOLOGY	DSE-1	Animal Biotechnology	7	6	42	2019	0.00	0.00	V V		
	2001001	DSE-2	Parasitology	7	6	42	2019					
	ZOOLOGY	CC-13	Developmental Biology	8	6	48	2020					
VI	2001001	CC-14	Evolutionary Biology	9	6	54	2020	9.00	9.00	Q		
	ZOOLOGY	DSE-3 DSE-4	Animal Behaviour	10	6	60	2020	9.00	9.00	Y Y		
		Endocrinology	9	6	54	2020						
	umulative Grade Point Av umulative Grade Point Av						Letter Gr CGPA		Result	t : Q		

Date of Publication of Result : 29.10.2020

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

Anindya zohi Pal

Controller of Examinations

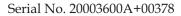
Course Types :		CGPA Let	tter Grades	Result Codes:	
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC - Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### Grade Point Norms:

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: SOUMILI GHOSH

Honours: ZOOLOGY

Roll No. 170311200136

Semester	Carling	Course	Course Title	Grade	Credit	Grade Point	Credit Retained		on the sis of	Result		
No.	Subject	Code	Course The	(G)	Value (V)	(G×V)	Year	CCs & DSEs	All Courses	Code		
	ZOOLOGY	CC-1	Non-chordates I	8	6	48	2017					
	2001001	CC-2	Ecology			2017						
Ι	I PHYSIOLOGY		Cellular Physiology, Biophysics, Biochemistry of Biomolecules	8	6	48	2017	8.50	8.09	Q		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017					
	ZOOLOGY	CC-3	Non-chordates II	8	6	48	2018					
	2001001	CC-4	Cell Biology	8	6	48	2018					
II	II BOTANY	GE-2	Plant Ecology and Taxonomy         9         6         54         2018         8.00		8.40	Q						
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018					
		CC-5	Chordates	8	6	48	2018					
	ZOOLOGY	CC-6Animal Physiology: Controlling and Coordinating Systems96542018		2018								
III		CC-7	Fundamentals of Biochemistry	9	6	54	2018	8.67	8.85	Q		
	BOTANY GE-3		Plant Anatomy and Embryology	9	6	54	2018					
	ZOOLOGY	SEC-1	Sericulture	10	2	20	2018					
		CC-8	Comparative Anatomy of Vertebrates	8	6	48	2019					
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	8	6	48	2019					
IV		CC-10	Immunology	7	6	42	2019	7.67	7.62	Q		
	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	7	6	42	2019					
	ZOOLOGY	SEC-2	Medical Diagnostics	9	2	18	2019					
	ZOOLOGY	CC-11	Molecular Biology	8	6	48	2019					
v	2001001	CC-12	Genetics	9	6	54	2019	8.25	8.25	Q		
, v	ZOOLOGY	DSE-1	Animal Biotechnology	8	6	48	2019	0.25	0.25	V V		
	LOOLOGI	DSE-2	Parasitology	8	6	48	2019					
	ZOOLOGY		Developmental Biology	8	6	48	2020					
VI	2001001	CC-14	Evolutionary Biology	10	6	60	2020	9.25	9.25	Q		
V I	ZOOLOGY	DSE-3	Animal Behaviour	10	6	60	2020	9.23	7.25			
	DSE-4 Endocrinology 9 6 54						2020					
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q		

Date of Publication of Result : 29.10.2020

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

Anindya zohi Pal

Controller of Examinations

Course Types :		CGPA Let	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### Grade Point Norms:

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: SUVENDU DUTTA

#### **Honours: MATHEMATICS**

Roll No. 170311200162

Semester	~	Course		Grade	Credit	Grade	Credit		A on the sis of	Result	
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code	
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	6	6	36	2017				
	MATHEMATICS	CC-2	Algebra	5	6	30	2017				
Ι	PHYSICS	GE-1	Mechanics	7	6	42	2017	5.50	6.18	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017				
	MATHEMATICS	CC-3	Real Analysis	5	6	30	2018				
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	8	6	48	2018				
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2018	6.50	7.30	Q	
	Communicative English/MIL	AECC-2	2 Bengali 10 2 20 2018								
	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018				
		CC-6	Group Theory I	6	6	36	2018				
III		CC-7	Numerical Methods	6	6	36	2018	5.33	6.08	Q	
	CHEMISTRY GE-		Chemical Energetic, Equilibria, Organic 7 6 42 2018								
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2018	1			
		CC-8	Riemann Integration and Series of Functions	4	6	24	2019				
	MATHEMATICS	CC-9	Multivariate Calculus	4	6	24	2019				
IV		CC-10	Ring Theory and Linear Algebra I	6	6	36	2019	4.67	5.15	Q	
	PHYSICS	GE-4	Waves and Optics	5	6	30	2019				
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019				
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	5	6	30	2019				
V	MATHEMATICS	CC-12	Mechanics I	NA	6	NA				SNC	
	MATHEMATICS	DSE-1	Linear Programming	NA	6	NA				SINC	
	MATHEMATICS	DSE-2	Probability & Statistics	4	6	24	2019				
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020				
VI		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	Q	
	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020	10.00	10.00		
	WIATHEWIATICS	DSE-4					2020				
	umulative Grade Point Av umulative Grade Point Av						Letter G CGP		Result :	PNC	

Date of Publication of Result : 29.10.2020

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

Anindya Zohi Pal

Controller of Examinations

Course Types :		CGPA Let	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

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: INDRANI CHOUDHURY

#### **Honours: COMPUTER SCIENCE**

Roll No. 170311600059

Semester		Course	Course Title	Grade	Credit	Grade	Credit		on the sis of	Result	
No.	Subject	Code	Course Thie (C		Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code	
	COMPUTER SCIENCE	CC-1	Programming Fundamentals using C/C++	7	6	42	2017				
	COMI OTER SCIENCE	CC-2	Computer System Architecture				2017				
Ι	MATHEMATICS	GE-1	Differential Calculus	5	6	30	2017	7.00	6.27	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies 6 4 24								
	COMPUTER SCIENCE	CC-3	Programming in Java	7	6	42	2018				
	COMPUTER SCIENCE	CC-4	Discrete Structure	7	6	42	2018				
II	MATHEMATICS	GE-2	Differential Equations	5	6	30	2018	7.00	6.40	Q	
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2018				
	CC-		Data Structure	5	6	30	2018				
	COMPUTER SCIENCE			Operating Systems	8	6	48	2018			
III		CC-7	Computer Networks	6	6	36	2018	6.33	6.23	Q	
	STATISTICS GE-3		Basics of Statistical Inference	5	6	30	2018				
	COMPUTER SCIENCE	SEC-1	Programming in Python	9	2	18	2018		_		
		CC-8	Design and Analysis of Algorithms	6	6	36	2019				
	COMPUTER SCIENCE CC-9 Software Eng		Software Engineering	7	6	42	2019				
IV		CC-10	Database Management System	8	6	48	2019	7.00	7.38	Q	
	STATISTICS	GE-4	Applied Statistics	8	6	48	2019				
	COMPUTER SCIENCE	SEC-2	PHP Programming	9	2	18	2019				
	COMPUTER SCIENCE	CC-11	Internet Technologies	7	6	42	2019				
V	COMPUTER SCIENCE	CC-12	Theory of Computation	8	6	48	2019	7.75	7.75		
v	COMPLITED SCIENCE	DSE-1	Microprocessors	8	6	48	2019	1.15	1.15	Q	
	COMPUTER SCIENCE		Numerical Methods	8	6	48	2019				
	COMPLITED SCIENCE	CC-13	Artificial Intelligence	9	6	54	2020				
VI	COMPUTER SCIENCE	CC-14	Computer Graphics	9	6	54	2020	9.25	0.25		
V1	COMDUTED SCIENCE	DSF-3 Soft Computing		9	6	54	54 2020		9.25	Q	
	COMPUTER SCIENCE DSE		Data Mining 10 6 60			60	2020				
`	umulative Grade Point Ave umulative Grade Point Ave						Letter Grade in		Result	t : Q	

Date of Publication of Result : 29.10.2020

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Anindya zyohi Pal
Controller of Examinations

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

#### **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: MEGHA DAS

#### **Honours: ECONOMICS**

Roll No. 170311600079

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the sis of	Result
No.	Subject	Code	Course Thie		(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	ECONOMICS	CC-1	Introductory Microeconomics	6	6	36	2017			
		CC-2	Statistics-I	6	6	36	2017		5.64	
	MATHEMATICS	GE-1	Differential Calculus	4	6	24	2017	6.00	5.64	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	ECONOMICS	CC-3	Introductory Macroeconomics	8	6	48	2018			
	ECONOMICS	CC-4	Mathematical Economics-I	4	6	24	2018			
II	MATHEMATICS	GE-2	Differential Equations	4	6	24	2019	6.00	5.50	Q
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018			
			Intermediate Microeconomics	5	6	30	2018			
ECONOMICS	CC-6	Intermediate Macroeconomics	4	6	24	2018				
III	III	CC-7	Mathematical Economics -II	6	6	36	2018	5.00	5.31	Q
	STATISTICS GE-3		Basics of Statistical Inference	6	6	36	2018			
	ECONOMICS	SEC-1	Managerial Economics	6	2	12	2018			
		CC-8	Selected Features of Indian Economy	7	6	42	2020			
	ECONOMICS	CC-9	Statistics-II	5	6	30	2019			
IV	CC-10 Dev		Development Economics	5	6	30	2019	5.67 6.31		Q
	STATISTICS			7	6	42	2019			
	ECONOMICS	SEC-2	Basic Computer Applications	10	2	20	2019			
	ECONOMICS	CC-11	International Economics	4	6	24	2019			
V	LCONOMICS	CC-12	Money and Banking	6	6	36	2019	5.25	5.25	Q
v	ECONOMICS	DSE-1	Rural Development	5	6	30	2019	5.25	5.25	V V
	ECONOMICS DSE-2		Public Economics	6	6	36	2019			
	ECONOMICS	CC-13	Basic Econometrics	9	6	54	2020			
VI		CC-14     Field Survey & Project Report     9       DSE-3     Political Economy     8		9	9 6		2020	8.75	8.75	
	ECONOMICS			6	48	2020 8.75		0.75	Q	
DSE-4 Financial Economics			Financial Economics	9	6	54	2020			
<u> </u>	umulative Grade Point Av umulative Grade Point Av	0 /					Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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

	i=1	· 1			
Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

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

Anindya zohi Pal Controller of Examinations



Name: PAYEL DUTTA

#### **Honours: CHEMISTRY**

Roll No. 170311600101

Semester	Carling	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the sis of	Result
No.	Subject	Code	(G)		(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	CHEMISTRY	CC-1	Organic Chemistry-I	7	6	42	2017			
		CC-2	Physical Chemistry-I	6	6	36	2017			
Ι	MATHEMATICS	GE-1	Differential Calculus	6	6	36	2017	6.50	6.45	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	CHEMISTRY	CC-3	Inorganic Chemistry-I	7	6	42	2018			
	CHEMISTRY	CC-4	Organic Chemistry-II	7	6	42	2018			
II	MATHEMATICS	GE-2	Differential Equations	6	6	36	2018	7.00	7.00	Q
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
		CC-5	Physical Chemistry-II	7	6	42	2018			
	CHEMISTRY III	CC-6	Inorganic Chemistry-II	9	6	54	2018			
III		CC-7	Organic Chemistry-III	5	6	30	2018	7.00	7.15	Q
	PHYSICS GE		Thermal Physics and Statistical Mechanics	7	6	42	2018			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	9	2	18	2018			
		CC-8	Physical Chemistry-III	6	6	36	2019			
	CHEMISTRY	CC-9	Inorganic Chemistry-III	7	6	42	2019			
IV	CC-10 Organic Cher		Organic Chemistry - IV	6	6	36	2019	6.33 6.46	Q	
	PHYSICS	SICS GE-4 Waves and Optics		6	6	36	2019			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	9	2	18	2019			
	CHEMISTRY	CC-11	Inorganic Chemistry-IV	7	6	42	2019			
V	CHEWISTKT	CC-12	Organic Chemistry-V	6	6	36	2019	7.50	7.50	Q
v	CHEMISTRY	DSE-1	Advanced Physical Chemistry	8	6	48	2019	7.50	7.50	V V
	CHEWIISTKI	DSE-2	Analytical Methods in Chemistry	9	6	54	2019			
	CHEMISTRY	CC-13	Inorganic Chemistry-V	9	6	54	2020			
	CHEWIISTKI	CC-14	Physical Chemistry-IV	8	6	48	2020			
VI		DSE-3	Green Chemistry	9	6	54	2020	8.75	8.75	Q
	CHEMISTRY DSE-4 Dissertation Followed by Power Point Presentation		9	6	54	2020				
	PA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.33 PA (Cumulative Grade Point Average) on the basis of All Courses : 7.23						Letter G		Result	t : Q

Date of Publication of Result : 29.10.2020

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Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

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

# Anindya Zohi Pal

Controller of Examinations



Name: RIYA BAIRAGYA

#### **Honours: NUTRITION**

Roll No. 170311600122

Semester		Course		Grade	Credit	Grade	Credit		on the sis of	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	NUTRITION	CC-1	Nutritional Physiology-I	9	6	54	2017			
	NUTRITION	CC-2	Nutritional Aspect of Food Items	9	6	54	2017			
Ι	I CHEMISTRY	GE-1	tomic Structure, Chemical Periodicity, Acids and Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons		6	36	2017	9.00	7.82	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	NUTRITION	CC-3	Nutritional Physiology-II	9	6	54	2018			
	NUTRITION	CC-4	Physiological Aspect of Nutrition	9	6	54	2018			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018	9.00	8.40	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Nutritional Biochemistry	9	6	54	2018			
	NUTRITION	CC-6	Nutrition: Life Cycle Approach	9	6	54	2018			
III	III	CC-7	Diet Therapy - I		6	54	2018	9.00	9.00	Q
	ZOOLOGY GE-3		Physiology and Biochemistry		6	54	2018			
	NUTRITION	SEC-1	Technology of Fruits and Vegetables	9	2	18	2018			
		CC-8	Nutritional Assessment and Nutrition Programme	9	6	54	2019			
	NUTRITION CC-9 Con		Community Nutrition and Epidemiology	9	6	54	2019			
IV		CC-10	Diet Therapy-II	9	6	54	2019	9.00	9.00	Q
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	9	6	54	2019			
	NUTRITION	SEC-2	Immunology, Toxicology and Public Health	9	2	18	2019			
	NUTRITION	CC-11	Food Microbiology and Food Borne Disease	10	6	60	2019			
V	NUTRITION	CC-12	Medical Microbiology and Pathology	10	6	60	2019	9.75	9.75	
v	NUTDITION	DSE-1	Therapeutic Nutrition and Critical Care	10	6	60	2019	9.75	9.75	Q
	NUTRITION	DSE-2	Molecular Biology	9	6	54	2019			
	NUTRITION	CC-13	Nutraceutical and Functional Food	10	6	60	2020			
3.71	NUTRITION	CC-14	Food Safety and Food Standard	10	6	60	2020	10.00	10.00	
VI	NUTDITION	DSE-3 Concept of Research and Health Managem		10	6	60	2020	10.00	10.00	Q
NUTRITION         DSE-4         Food Spoilage and Food Preservation					6	60	2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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

Course Types :		CGPA Le	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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1. C2 and C4 as applicable.

#### **Grade Point Norms:**

Grade I onte i torms.			
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

# Aningra Zoh Pal Controller of Examinations



Name: SAYANI REJ

#### **Honours: ECONOMICS**

Roll No. 170311600141

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit		on the	Result
No.	No. Code		Course little	(G)		(GXV)	Retained Year	CCs & DSEs	All Courses	Code
	ECONOMICS	-	Introductory Microeconomics	4	6	24	2017			
	Leonomies	CC-2	Statistics-I	5	6	30	2017			
Ι	MATHEMATICS	GE-1	Differential Calculus	4	6	24	2019	4.50	4.64	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	ECONOMICS	CC-3	Introductory Macroeconomics	7	6	42	2018			
	ECONOMICS	CC-4	Mathematical Economics-I	4	6	24	2018			
II	MATHEMATICS	GE-2	Differential Equations	4	6	24	2019	5.50	5.20	Q
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018			
	ECONOMICS CC-6		Intermediate Microeconomics	NA	6	NA				
			Intermediate Macroeconomics	4	6	24	2018			
III			Mathematical Economics -II	5	6	30	2018			SNC
	STATISTICS	GE-3	Basics of Statistical Inference	5	6	30	2018			
	ECONOMICS	SEC-1	Managerial Economics	6	2	12	2018			
		CC-8	Selected Features of Indian Economy	7	6	42	2020			
	ECONOMICS	CC-9	Statistics-II	4	6	24	2019		5.77	Q
IV		CC-10	Development Economics	5	6	30	2019	5.33		
	STATISTICS	GE-4	Applied Statistics	6	6	36	2019			
	ECONOMICS	SEC-2	Basic Computer Applications	9	2	18	2019			
	ECONOMICS	CC-11	International Economics	4	6	24	2019			
	ECONOMICS	CC-12	Money and Banking	5	6	30	2019	4.75	4.75	
V	FONDMOR	DSE-1	Rural Development	6	6	36	2019	4.75	4.75	Q
	ECONOMICS DSE-2		Public Economics	4	6	24	2019			
	ECONOMICS	CC-13	Basic Econometrics	7	6	42	2020			
	ECONOMICS	CC-14	Field Survey & Project Report	6	6	36	2020	7.00	7.00	
	VI ECONOMICS DSE-4 Financial Economy DSE-4 Financial Economics		DSE-3 Political Economy 7 6		42	2020	7.00	7.00	Q	
			Financial Economics	8	6	48	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :		-	Letter Grade in		Result :	PNC				
CGPA (C	umulative Grade Point Av	verage) on th	e basis of All Courses :				CGP	A :	Result.	INC

Date of Publication of Result : 29.10.2020

Course Types :

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

			Controller of Examinations					
CGPA Letter Grades			Result Codes:					
er Grade	CGPA	Letter Grade	Q - Qualified					
utstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared					

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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	E (E91D)	the basis of CCs and DSEs.<5 or All
SEC – Skin Enhancement Course	7 10 0010 0 8	A (Very Good)	Delow 4	I (I'all)	semesters not cleared]
AECC – Ability Enhancement	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1,
Compulsory Course	0 10 0010 /	B+ (0000)			C2 and C4 as applicable.

#### **Grade Point Norms:**

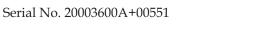
90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below $70%$	7
50% and above but below 60%	6	40% and above but below $50%$	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

#### Percentage Conversion Formula:

= (SGPA or CGPA  $\times 10$ ) - 5.0

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

Anindya zohi Pal



Name: SREEJA SARKAR

#### **Honours: BOTANY**

Roll No. 170311600168

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade	Credit	SGPA on the basis of		Result
No.	Subject	Code	Course The		(V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	BOTANY	CC-1	Microbiology and Phycology	7	6	42	2017			
	DOTANT	CC-2	Archegoniatae	8	6	48	2017			
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017	7.50	7.09	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	BOTANY	CC-3	Mycology and Phytopathology	8	6	48	2018			
	DUIANI	CC-4	Morphology and Anatomy of Angiosperms	7	6	42	2018			
Π	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018	7.50	7.30	Q
	Communicative English/MIL AECC-2 Bengali		Bengali	10	2	20	2018			
	CC-		Plant Ecology and Phytogeography	9	6	54	2018			
	BOTANY	CC-6	Plant Systematics	9	6	54	2018			
III		CC-7	Economic Botany	9	6	54	2018	9.00	8.38	Q
	ZOOLOGY	GE-3	Physiology and Biochemistry	7	6	42	2018			
	BOTANY	SEC-1	Agricultural Botany	7	2	14	2018			
		CC-8	Palaeobotany & Palynology	9	6	54	2019			
	BOTANY	CC-9	Biomolecules and Cell Biology	9	6	54	2019			Q
IV		CC-10	Molecular Biology	9	6	54	2019	9.00	8.92	
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	9	6	54	2019			
	BOTANY	SEC-2	Herbal Technology	8	2	16	2019			
	BOTANY	CC-11	Plant Physiology	8	6	48	2019			
V	DUIANI	CC-12	Plant Metabolism	9	6	54	2019	8.50	8.50	
v	BOTANY	DSE-1	Reproductive Biology of Angiosperms	9	6	54	2019	8.30	8.30	Q
	DUIANI	DSE-2	Bioinformatics	8	6	48	2019			
	DOTANY	CC-13	Genetics & Plant Breeding	8	6	48	2020			
VI	BOTANY	CC-14	Plant Biotechnology	9	6	54	2020	8.75	0 75	
v 1	BOTANY	DSE-3	Plant Evolution & Biodiversity	9	6	54 2020		0.73	8.75	Q
	BOTANY DSE-4		Industrial and Environmental Microbiology	9	6	6 54				
``````````````````````````````````````	umulative Grade Point Av umulative Grade Point Av	<u> </u>					Letter G CGPA		Resul	t : Q

Date of Publication of Result : 29.10.2020

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

Anindya zohi Pal

Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

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: SURABHI GHOSH

Honours: ZOOLOGY

Roll No. 170311600184

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the sis of	Result
No.	Subject	Code	Course Thit		(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	ZOOLOGY	CC-1	Non-chordates I	8	6	48	2017			
	2001001	CC-2	Ecology	7	6	42	2017			
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2017	7.50	7.73	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
	ZOOLOGY	CC-3	Non-chordates II	8	6	48	2018			
	2001001	CC-4	Cell Biology	7	6	42	2018			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2018	7.50	7.90	Q
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
	С		Chordates	8	6	48	2018			
	ZOOLOGY	CC-6	Animal Physiology: Controlling and Coordinating Systems	5	6	30	2018			
III		CC-7	Fundamentals of Biochemistry	8 6 48 2018	7.00	7.08	Q			
	BOTANY	GE-3	Plant Anatomy and Embryology	7	6	42	2018			
	ZOOLOGY	SEC-1	Apiculture	8	2	16	2018			
		CC-8	Comparative Anatomy of Vertebrates	8	6	48	2019			
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	7	6	42	2019			Q
IV		CC-10	Immunology	8	6	48	2019	7.67	7.92	
	BOTANY	GE-4	Plant Physiology and Metabolism	8	6	48	2019			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	10	2	20	2019			
	ZOOLOGY	CC-11	Molecular Biology	8	6	48	2019			
V	2001001	CC-12	Genetics	7	6	42	2019	7.50	7.50	Q
v	ZOOLOGY	DSE-1	Animal Biotechnology	7	6	42	2019	7.50	7.50	V V
	2001001	DSE-2	Parasitology	8	6	48	2019			
	ZOOLOGY	CC-13	Developmental Biology	9	6	54	2020			
VI		CC-14	Evolutionary Biology	9	6	54	2020	8.50	8.50	
V I	VI DSE-3		Wild life Conservation	9	6	54	2020	8.30	8.30	Q
	ZOOLOGY	DSE-4	Endocrinology	7	6	42	2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	:: Q

Date of Publication of Result : 29.10.2020

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Aningra Zoh Pal Controller of Examinations

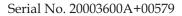
Course Types :		CGPA Le	tter Grades	Result Codes:		
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified	
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC - Semester Not Cleared	
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on	
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.	

Grade Point Norms:

Of auc I offic 100 ms.				
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: TAMANNA PARVEEN

Honours: ZOOLOGY

Roll No. 170311600197

Semester		Course		Grade	Credit	Grade	Credit		on the sis of	Result
No.	Subject Co		Course Title		Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	ZOOLOGY	CC-1	Non-chordates I	9	6	54	2017			
	2001001	CC-2	Ecology	9	6	54	2017			
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017	9.00	8.27	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
	ZOOLOGY	CC-3	Non-chordates II	8	6	48	2018			
	2001001	CC-4	Cell Biology	7	6	42	2018			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018	7.50	7.20	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
	CC-		Chordates	9	6	54	2018			
	ZOOLOGY	CC-6	Animal Physiology: Controlling and Coordinating Systems	8	6	48	2018			
III		CC-7	Fundamentals of Biochemistry	9	6	54 2018	8.67	8.69	Q	
	BOTANY	GE-3	Plant Anatomy and Embryology	9	6	54	2018			
	ZOOLOGY	SEC-1	Apiculture	8	2	16	2018			
		CC-8	Comparative Anatomy of Vertebrates	8	6	48	2019			
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	8	6	48	2019			
IV		CC-10	Immunology	8	6	48	2019	8.00	8.38	Q
	BOTANY	GE-4	Plant Physiology and Metabolism	9	6	54	2019			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	10	2	20	2019			
	ZOOLOGY	CC-11	Molecular Biology	8	6	48	2019			
V	2001001	CC-12	Genetics	8	6	48	2019	8.25	8.25	Q
v	ZOOLOGY	DSE-1	Animal Biotechnology	8	6	48	2019	0.23	0.23	V V
	2001001	DSE-2	Parasitology	9	6	54	2019			
	7001002	CC-13	Developmental Biology	9	6	54	2020			
171	IZOOLOGV –	CC-14	Evolutionary Biology	10	6	60	2020	0.00	9.00	
V I	VI DSE-3 W		DSE-3 Wild life Conservation 9 6		6	54	2020	9.00	9.00	Q
			Endocrinology 8 6 48			48	2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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

Anindya zohi Pal
Controllar of Examination

Controller of Examinations

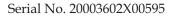
Course Types :		CGPA Letter Grades			Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)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

Grade Point Norms:

Grade i onit i toring.		-	
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: IMAN KALYAN THAKUR

Honours: MATHEMATICS

Roll No. 170311700010

Semester	No. Subject Code Course Title (G)			Grade	Credit	Grade	Credit		on the	Result
			(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code	
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	7	6	42	2017			
		CC-2	Algebra	5	6	30	2017			
Ι	PHYSICS	GE-1	Mechanics	7	6	42	2017	6.00	6.27	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	MATHEMATICS	CC-3	Real Analysis	7	6	42	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	8	6	48	2018			
II	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2018	7.50	7.70	Q
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018			
	MATHEMATICS		Group Theory I	5	6	30	2018			
III		CC-7	Numerical Methods	8	6	48	2018	6.00	6.23	Q
	COMPUTER SCIENCE	GE-3	Operating Systems	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	6	2	12	2018			
		CC-8	Riemann Integration and Series of Functions	5	6	30	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	6	6	36	2019			
IV		CC-10	Ring Theory and Linear Algebra I	6	6	36	2019	5.67	6.46	Q
	COMPUTER SCIENCE	GE-4	Computer System Architecture	8	6	48	2019			
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	4	6	24	2019			
V	WIATHEWIATICS	CC-12	Mechanics I	NA	6	NA				SNC
v	MATHEMATICS	DSE-1	Linear Programming	7	6	42	2019			SINC
	WATTEWATCS	DSE-2	Probability & Statistics	7	6	42	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
VI			Ring Theory and Linear Algebra II	10	6	60	2020	9.75	9.75	Q
V I	MATHEMATICS	-	Project Work	10	6	60	2020	2.15	7.15	Y
		DSE-4	Mechanics II	9	6	54	2020			
	umulative Grade Point Ave						Letter Grade in		Result : PNC	
CGPA (C	fumulative Grade Point Ave	rage) on th	e basis of All Courses :				CGP	A :		

Date of Publication of Result : 29.10.2020

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

Course Types :		CGPA Letter Grades			Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC - Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	E (Eail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

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

Anindya zohi Pal Controller of Examinations



Name: MOUSAM ASH

Honours: COMPUTER SCIENCE

Roll No. 170311700017

Semester		Course	Course Title	Grade	Credit	Grade	Credit	SGPA on the basis of		Result
No.	. Code		(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code	
	COMPUTER SCIENCE	CC-1	Programming Fundamentals using C/C++	6	6	36	2017			
	COMI OTEK SCIENCE	CC-2	Computer System Architecture 6 6 36				2017			
Ι	MATHEMATICS	GE-1	Differential Calculus	4	6	24	2019	6.00	5.45	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	COMPUTER SCIENCE	CC-3	Programming in Java	7	6	42	2018			
	COMPUTER SCIENCE	CC-4	Discrete Structure	5	6	30	2018			
II	MATHEMATICS	GE-2	Differential Equations	8	6	48	2020	6.00	7.00	Q
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
		CC-5	Data Structure	6	6	36	2018			
	COMPUTER SCIENCE		Operating Systems	7	6	42	2018			
III		CC-7	Computer Networks	5	6	30	2018	6.00	5.92	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	5	6	30	2018			
	COMPUTER SCIENCE	SEC-1	Programming in Python	8	2	16	2018			
		CC-8	Design and Analysis of Algorithms	7	6	42	2019			
	COMPUTER SCIENCE	CC-9	Software Engineering	7	6	42	2019			
IV		CC-10	Database Management System	7	6	42	2019	7.00	7.00	Q
	PHYSICS	GE-4	Waves and Optics	6	6	36	2019			
	COMPUTER SCIENCE	SEC-2	UNIX / Linux Programming	10	2	20	2019			
	COMPUTER SCIENCE	CC-11	Internet Technologies	7	6	42	2019			
V	COMPUTER SCIENCE	CC-12	Theory of Computation	5	6	30	2019	6.00	6.00	Q
	COMPUTER SCIENCE	DSE-1	Microprocessors	5	6	30	2019	0.00	0.00	V V
	COMPUTER SCIENCE	DSE-2	Numerical Methods	7	6	42	2019			
	COMPUTER SCIENCE	CC-13	Artificial Intelligence	10	6	60	2020			
VI	COMPUTER SCIENCE	CC-14	Computer Graphics	10	6	60	2020	10.00	10.00	
	COMPUTER SCIENCE	DSE-3	Soft Computing	10 6 60		60	2020	10.00	10.00	Q
	COMPUTER SCIENCE	DSE-4	Project Work / Dissertation	10	6	60	2020			
	umulative Grade Point Ave umulative Grade Point Ave						Letter Grade in CGPA : A		Result : Q	

Date of Publication of Result : 29.10.2020

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

Anindya Zohi Pal
Controller of Examinations

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

Grade Point Norms:

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: DEBJOTI DEY

Honours: PHYSICS

Roll No. 170311800012

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the sis of	Result	
No.	No. Code CC-1 Mathematical Physics-I		(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code		
	PHYSICS	CC-1	Mathematical Physics-I	5	6	30	2017				
		CC-2	Mechanics	6	6	36	2017				
Ι	MATHEMATICS	GE-1	Differential Calculus	5	6	30	2018	5.50	5.64	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017				
	PHYSICS	CC-3	Electricity and Magnetism	8	6	48	2018				
	PHYSICS	CC-4	Waves and Optics	4	6	24	2018				
II	MATHEMATICS	GE-2	Differential Equations	5	6	30	2019	6.00	6.00	Q	
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2018				
		CC-5	Mathematical Physics-II	8	6	48	2018				
	PHYSICS	CC-6	Thermal Physics	6	6	36	2018				
III		CC-7	Digital Systems and Applications	7	6	42	2018	7.00	7.23	Q	
	COMPUTER SCIENCE	GE-3	Operating Systems	8	6	48	2018				
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	7	2	14	2018				
		CC-8	Mathematical Physics-III	5	6	30	2019				
	PHYSICS	CC-9	Elements of Modern Physics	5	6	30	2019				
IV		CC-10	Analog Systems & Applications	5	6	30	2019	5.00	6.08	Q	
	COMPUTER SCIENCE	GE-4	Computer System Architecture	9	6	54	2019				
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	7	2	14	2019				
	PHYSICS	CC-11	Quantum Mechanics and Applications	6	6	36	2019				
V	PHI SICS	CC-12	Solid State Physics	6	6	36	2019			SNC	
	PHYSICS	DSE-1	Advanced Mathematical Physics	6	6	36	2019			SINC	
	PHYSICS	DSE-2	Classical Dynamics	NA	6	NA					
	DIIVEICE	CC-13	Electromagnetic Theory	9	6	54	2020				
VI	PHYSICS	CC-14	Statistical Mechanics	10	6	60	2020	9.50	9.50		
	PHYSICS	DSE-3	Nuclear and Particle Physics	9	6	54	2020	9.50	9.50	Q	
	rni sits	DSE-4	Astronomy and Astrophysics	10	6	60	2020				
	umulative Grade Point Ave umulative Grade Point Ave						Letter G		Result : PNC		

Date of Publication of Result : 29.10.2020

AECC - Ability Enhancement

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

$\sum_{i=1}^{n} V_i$	$\sum_{i=1}^{N}$	V_i			Controller of Examinations
Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All

Compulsory Course 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)

B+ (Good)

6 to below 7

Percentage Conversion Formula:

= (SGPA or CGPA ×10) - 5.0

semesters not cleared]

C2 and C4 as applicable.

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

Anindya zohi Pal

NC denotes "Not Computed" due to absence in C1,



Name: SOURAV GHOSH

Honours: MATHEMATICS

Roll No. 170311800047

Semester		Course	C TH	Grade	Credit	Grade	Credit		on the sis of	Result	
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code	
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2017				
		CC-2	Algebra 4		6	24	2018			_	
I	PHYSICS	GE-1	Mechanics	6	6	36	2017	4.00	5.27	Q	
	ENVIRONMENTAL A STUDIES		Fundamentals of Environmental Studies	8	4	32	2017				
	MATHEMATICS		Real Analysis	8	6	48	2018				
II PHYSICS		CC-4	Differential Equations and Vector Calculus	4	6	24	2018		6.00		
		GE-2	Electricity and Magnetism	6	6	36	2018	6.00		Q	
	Communicative English/MIL	AECC-2	Communicative English	6	2	12	2018				
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018				
	MATHEMATICS	CC-6	Group Theory I	5	6	30	2018		6.00		
III		CC-7	Numerical Methods	7	6	42	2018	5.67	6.00	Q	
	COMPUTER SCIENCE	GE-3	Operating Systems		6	42	2018				
	MATHEMATICS	SEC-1	Logic and Sets	6	2	12	2018				
		CC-8	Riemann Integration and Series of Functions	5	6	30	2019				
	MATHEMATICS	CC-9	Multivariate Calculus	4	6	24	2019				
IV		CC-10	Ring Theory and Linear Algebra I	5	6	30	2019	4.67	5.46	Q	
	COMPUTER SCIENCE	GE-4	Computer System Architecture	7	6	42	2019	2019			
	MATHEMATICS	SEC-2	Graph Theory	8	2	16	2019				
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2019				
v		CC-12	Mechanics I	4	6	24	2019	5.25	5.25		
v	MATHEMATICS	DSE-1	Linear Programming	7	6	42	2019	5.25	5.25	V V	
	MATHEMATICS	DSE-2	Probability & Statistics	4	6	24	2019				
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020				
VI			Ring Theory and Linear Algebra II	9	6	54	2020	9.50	9.50	Q Q Q	
V I	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020	9.50	9.50	Y Y	
	MATHEMATICS		Bio Mathematics	10	6	60	2020				
	Sumulative Grade Point Ave Sumulative Grade Point Ave						Letter G		::Q		
CULX (C	unuarive Grade I offit Ave	rage) on th	C 04515 01 All COUISES . 0.25				CGPA : B+				

Date of Publication of Result : 29.10.2020

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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

Anindya Zohi Pal

Controller of Examinations



Name: SUMITA BISWAS

Honours: MATHEMATICS

Roll No. 170311800056

Semester		Course		Grade	Credit	Grade	Credit		on the	Result	
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code	
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2019				
		CC-2	Algebra	4	6	24	2018				
Ι	PHYSICS	GE-1	Mechanics	6	6	36	2017	4.00	4.91	Q	
	ENVIRONMENTAL STUDIES		Fundamentals of Environmental Studies	6	4	24	2017				
	MATHEMATICS		Real Analysis	6	6	36	2018				
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	4	6	24	2018				
Communicative		GE-2	Electricity and Magnetism	5	6	30	2018	5.00	5.20	Q	
		AECC-2	Communicative English	7	2	14	2018				
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018				
	MATHEMATICS	CC-6	Group Theory I	4	6	24	2018				
III		CC-7	Numerical Methods	6	6	36	2018	4.67	5.31	Q	
COMPUTER SCIENCE		GE-3	Operating Systems	7	6	42	2018				
	MATHEMATICS	SEC-1	Logic and Sets	6	2	12	2018				
		CC-8	Riemann Integration and Series of Functions	5	6	30	2019				
	MATHEMATICS	CC-9	Multivariate Calculus	4	6	24	2019				
IV	CC-		Ring Theory and Linear Algebra I	4	6	24	2019	4.33	5.23	Q	
	COMPUTER SCIENCE	GE-4	Computer System Architecture	7	6	42	2019				
	MATHEMATICS	SEC-2	Graph Theory	8	2	16	2019				
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	5	6	30	2019				
V	WATTEWATCS	CC-12	Mechanics I	4	6	24	2019			SNC	
v	MATHEMATICS	DSE-1	Linear Programming	4	6	24	2019			SINC	
	WATTEWATES	DSE-2	Probability & Statistics	NA	6	NA					
	MATHEMATICS		Metric Spaces and Complex Analysis	9	6	54	2020				
VI			Ring Theory and Linear Algebra II	9	6	54	2020	9.25	9.25	Q	
V I	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020	7.25	7.45		
	MATHEMATICS		DSE-4 Bio Mathematics 9 6 54 2020								
	umulative Grade Point Ave						Letter G	Regult · PN			
UGPA (C	umulative Grade Point Ave	rage) on th	e basis of All Courses :				l COP	A:			

Date of Publication of Result : 29.10.2020

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Course Types :		CGPA Le	tter 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		
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]		
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.		

Grade Point Norms:

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

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Anindya Zohi Pal

Controller of Examinations



Name: SWARUP KARMAKAR

Honours: MATHEMATICS

Roll No. 170311800060

Semester	Sachia -4	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		SGPA on the basis of	
No.	Subject	Code	Course The	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017			
	WATTEWATES	CC-2	Algebra 4 6 24		24	2017				
Ι			Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2017	4.50	5.18	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	MATHEMATICS	CC-3	Real Analysis	5	6	30	2018			
	WATHEWATICS	CC-4	Differential Equations and Vector Calculus	5	6	30	2018			
II CHEMISTRY	II CHEMISTRY GE-2		States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018	5.00	5.60	Q
Communicative English/MIL		AECC-2	Communicative English	8	2	16	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018			
	MATHEMATICS	CC-6	Group Theory I	4	6	24	2018		- 00	
III		CC-7	Numerical Methods	6	6	36	2018	5.00	5.08 C	Q
	PHYSICS GE-		Thermal Physics and Statistical Mechanics	5	6	30	2018			
	MATHEMATICS	SEC-1	Logic and Sets	6	2	12	2018			
		CC-8	Riemann Integration and Series of Functions	4	6	24	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	5	6	30	2019			
IV		CC-10	Ring Theory and Linear Algebra I	4	6	24	2019	4.33	5.15	Q
	PHYSICS	GE-4	Waves and Optics	7	6	42	2019			
	MATHEMATICS	SEC-2	Graph Theory	7	2	14	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2019			
V	MATHEMATICS	CC-12	Mechanics I	4	6	24	2019	5.50	5.50	
v	MATHEMATICS	DSE-1	Linear Programming	8	6	48	2019	5.50	5.50	Q Q
	MATHEMATICS	DSE-2	Probability & Statistics	4	6	24	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
VI	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	9.75	0.75	Q Q Q Q Q
V1	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020	9.75	9.75	L A
	MATHEMATICS DSE-4		Bio Mathematics	9	6	54	2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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Aningra Zoh Pal Controller of Examinations

Course Types :		CGPA Le	tter 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		
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]		
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.		

Grade Point Norms:

Grade I ome i torms.									
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: BIBHU PRASADDE

Honours: MATHEMATICS

Roll No. 170312000011

Semester		Subject Course Course Title Grade Credit Value Point					Credit		on the sis of	Result
No.	Subject	Code	Course 1itie	(G)	(V)	(G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017			
	MATHEMATICS		Algebra		5 6 30		2017			
Ι	PHYSICS	GE-1	Mechanics	6	6	36	2017	5.00	5.64	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS		Real Analysis	7	6	42	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	8	6	48	2018			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018	7.50	7.50	Q
	Communicative English/MIL		Bengali	9	2	18	2018			
		CC-5 Theory of Real Functions & Introduction to Metric Spaces		4	6	24	2018			
	MATHEMATICS	CC-6	Group Theory I	9	6	54	2018	(22	C AC	
III		CC-7	Numerical Methods	6	6	36	2018	6.33	6.46	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	6	2	12	2018			
		CC-8	Riemann Integration and Series of Functions	7	6	42	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	5	6	30	2019			
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2019	6.33	6.85	Q
	MATHEMATICS	SEC-2	Graph Theory	8	2	16	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2019			
V	MATHEMATICS	CC-12	Mechanics I	5	6	30	2019		7.75	
V		DSE-1	Linear Programming	9	6	54	2019	7.75	7.75	Q
	MATHEMATICS	DSE-2	Probability & Statistics	7	6	42	2019			
		CC-13	Metric Spaces and Complex Analysis	9	6	54	2020			
1 / 1	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	8	6	48	2020	0.50	0.50	
VI		DSE-3	Group Theory II	7	6	42	2020	8.50	8.50	Q
	MATHEMATICS	DSE-4	Mechanics II	10	6	60	2020			
· · · · ·	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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Anindya	zohi	Pal
Controllar of E	Inomia	notiona

Controller of Examinations

Course Types :		CGPA Le	tter 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		
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]		
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.		

Grade Point Norms:

Grude i onici (orinis)									
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: KANU BHUSON DAS

Honours: MATHEMATICS

Roll No. 170312000018

Semester	Carbine 4	Course	Course Title	Grade	Credit Value	Grade Point	Credit		on the sis of	Result	
No.	Subject	Code	Course The	(G)	(V)	(G×V)	Retained Year	CCs & DSEs	All Courses	Code	
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4 5	6	24	2017				
	WATTEWATES	CC-2	Algebra	30	2018	4.50	4.91	Q			
Ι	PHYSICS	GE-1	Mechanics								
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies								
	MATHEMATICS	CC-3	Real Analysis	5	6	30	2018				
	WATHEWATICS	CC-4	Differential Equations and Vector Calculus	4	6	24	2018				
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018	4.50	5.40	Q	
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018				
	MATHEMATICS	CC-5 M		Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2019	2019		
		CC-6	Group Theory I		6	42	2018	5.67			
III		CC-7				2018	5.67	5.77	Q		
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	36	2018						
	MATHEMATICS	SEC-1	Logic and Sets	2018							
	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	7	6	42	2020				
		CC-9	Multivariate Calculus	4	6	24	2019				
		CC-10	Ring Theory and Linear Algebra I	6	6	36	2019				
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019	5.67	5.77	Q	
	MATHEMATICS	SEC-2	Graph Theory	6	2	12	2019				
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	5	6	30	2019				
V	WATHEWATICS	CC-12	Mechanics I	NA	6	NA				SNC	
v		DSE-1	Linear Programming	5	6	30	2019			SINC	
	MATHEMATICS	DSE-2	Probability & Statistics	5	6	30	2019				
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	5	6	30	2020				
VI	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	7	6	42	2020	6.75	6.75		
V1	MATHEMATICS	DSE-3 Group Theory II		7	6	42	2020	0.75	0.75	Q	
	MATHEMATICS	DSE-4	Mechanics II 8 6 48								
	umulative Grade Point Av umulative Grade Point Av						Letter G		Result :	PNC	

Date of Publication of Result : 29.10.2020

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

Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)		1	NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

Oraue I onit 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: PRATYUSHA TA

Honours: MATHEMATICS

Roll No. 170312000036

Semester		Subject Course Course Title				Grade	Credit		on the sis of	Result
No.	Subject	Code	Course little	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2019			
	WATHEWATICS	CC-2	Algebra	2018						
Ι	PHYSICS	GE-1	Mechanics	2017	5.50	6.09	Q			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	undamentals of Environmental Studies 8 4 32						
	MATHEMATICS	CC-3	Real Analysis	4	6	24	2018			
	WATHEWATICS	CC-4	Differential Equations and Vector Calculus	4	6	24	2018			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018	4.00	5.10	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	NA	6	NA				
		CC-6			6	36	2018			ave
III		CC-7	Numerical Methods	7	6	42	2018			SNC
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	2018						
	MATHEMATICS	SEC-1	Logic and Sets	2018						
	MATHEMATICS CC	CC-8	Riemann Integration and Series of Functions	7	6	42	2020			
		CC-9	Multivariate Calculus	7	6	42	2020			
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	6.33	6.54	Q
	MATHEMATICS	SEC-2	Graph Theory	7	2	14	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	4	6	24	2019			
V	MATHEMATICS	CC-12	Mechanics I	4	6	24	2019	4.50	1.50	
v		DSE-1	Linear Programming	5	6	30	2019	4.50	4.50	Q
	MATHEMATICS	DSE-2	Probability & Statistics	5	6	30	2019			
		CC-13	Metric Spaces and Complex Analysis	7	6	42	2020			
3.71	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	7	6	42	2020	7.50	7.50	
VI	MATHEMATICS	DSE-3	Group Theory II 7 6			42	2020	7.50	7.50	Q
	MATHEMATICS DSE-4		Mechanics II	54	2020					
`	umulative Grade Point Av umulative Grade Point Av						Letter G CGP		Result :	PNC

Date of Publication of Result : 29.10.2020

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

Anindya	zohi	Pal
Controller of F	vomit	nations

Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	E (Earl)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

Grude i onici (orinis)									
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: SANDIP KUNDU

Honours: MATHEMATICS

Roll No. 170312000044

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the sis of	Result
No.	Subject	Code	Course Thie	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
MATHEMATICS CC-1 Calculus, Geometry & Differential Equations				6	6	36	2017			
	WATHEWATICS	CC-2	Algebra	2018						
Ι	PHYSICS	GE-1	Mechanics	2017	5.50	5.91	Q			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	undamentals of Environmental Studies 7 4 28						
	MATHEMATICS	CC-3	Real Analysis	6	6	36	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	7	6	42	2018]		
Π	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018	6.50	6.70	Q
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
	MATHEMATICS CO	CC-5	Theory of Real Functions & Introduction to Metric Spaces	NA	6	NA				
***		CC-6	Group Theory I	5	6	30	2018			ava
III	CC-		Numerical Methods	7	6	42	2018			SNC
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	2018						
	MATHEMATICS	SEC-1	Logic and Sets	2018						
	MATHEMATICS C	CC-8	Riemann Integration and Series of Functions	7	6	42	2020			
		CC-9	Multivariate Calculus	7	6	42	2020			
		CC-10	Ring Theory and Linear Algebra I	4	6	24	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	6.00	6.54	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	4	6	24	2019			
V	MATHEMATICS	CC-12	Mechanics I	6	6	36	2019	4.75	4.75	
v	MATHEMATICS	DSE-1	Linear Programming	4	6	24	2019	4.75	4.75	Q
	MATHEMATICS	DSE-2	Probability & Statistics	5	6	30	2019]		
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	7	6	42	2020			
VI	MATHEMATICS C	CC-14	Ring Theory and Linear Algebra II	7	6	42	2020	7.50	7.50	
V 1	MATHEMATICS	DSE-3	Group Theory II	7	6	42	2020	/.50	7.50	Q
	MATHEMATICS	DSE-4	Mechanics II 9 6 54 2020]		
	umulative Grade Point Av umulative Grade Point Av						Letter G CGP		Result :	PNC

Date of Publication of Result : 29.10.2020

Course Types :

$$\mathrm{SGPA}\left(S\right) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad \mathrm{CGPA} = \frac{\sum\limits_{i=1}^{N} (V_i \times S_i)}{\sum\limits_{i=1}^{N} V_i}$$

$\sum_{i=1}^{N}$	V _i		Controller of Examinations			
	CGPA Le	tter Grades	Result Codes:			
CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified		
9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC - Semester Not Cleared		

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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	E (Eath)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

Grade I offit 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

Anindya zohi Pal



Name: SANKAR PRASAD BANERJEE

Honours: ZOOLOGY

Roll No. 170312000045

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the sis of	Result
No.	Co		Course The		(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	ZOOLOGY	CC-1	Non-chordates I	8	6	48	2017			
	2002001	CC-2	Ecology	8	6	48	2017			
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017	8.00	7.73	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
	700L0CV	CC-3	Non-chordates II	9	6	54	2018			
	ZOOLOGY	CC-4	Cell Biology	7	6	42	2018			
II	BOTANY	GE-2	Plant Ecology and Taxonomy	8	6	48	2018	8.00	8.10	Q
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2018			
	-	CC-5	Chordates	8	6	48	2018			
	ZOOLOGY	CC-6	Animal Physiology: Controlling and Coordinating Systems	9	6	54	2018			
III		CC-7	Fundamentals of Biochemistry	9	6	54	2018	8.67	8.23	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018			
	ZOOLOGY	SEC-1	Apiculture	8	2	16	2018			
		CC-8	Comparative Anatomy of Vertebrates	7	6	42	2019			
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	7	6	42	2019	1		
IV		CC-10	Immunology	7	6	42	2019	7.00	6.92	Q
	BOTANY	GE-4	Plant Physiology and Metabolism	7	6	42	2019			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	6	2	12	2019			
	ZOOLOGY	CC-11	Molecular Biology	7	6	42	2019			
v	ZUULUGY	CC-12	Genetics	7	6	42	2019	7.50	7.50	
v	ZOOLOGY	DSE-1	Animal Biotechnology	8	6	48	2019	7.50	7.50	Q
	ZUULUGY	DSE-2	Parasitology	8	6	48	2019			
	ZOOLOGY	CC-13	Developmental Biology	9	6	54	2020			
VI		CC-14	Evolutionary Biology	9	6	54	2020	9.00	9.00	Q
V1	ZOOLOGY	DSE-3 Animal Behaviour 9		9	6	54	2020	9.00	9.00	
		DSE-4	Endocrinology	9	6	54	2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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

Anindya zohi Pal

Controller of Examinations

Course Types :		CGPA Let	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

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: SANKHABRATA MEDDA

Honours: PHYSICS

Roll No. 170312000047

Semester		Course		Grade	Credit	Grade	Credit		A on the sis of	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	PHYSICS	CC-1	Mathematical Physics-I	6	6	36	2017			
	F II I SIC S	CC-2	Mechanics	4	6	24	2017			
Ι	MATHEMATICS	GE-1	Differential Calculus	7	6	42	2017	5.00	5.91	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	PHYSICS	CC-3	Electricity and Magnetism		6	30	2018			
	PHI SICS	CC-4	Waves and Optics	4	6	24	2018			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018	4.50	5.10	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Mathematical Physics-II	6	6	36	2018			
	PHYSICS	CC-6	Thermal Physics	4	6	24	2018			
III		CC-7	Digital Systems and Applications	5	6	30	2018	5.00	5.23	Q
	MATHEMATICS	GE-3	Real Analysis	6	6	36	2018			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	5	2	10	2018			
			Mathematical Physics-III	5	6	30	2019			
	PHYSICS	CC-9	Elements of Modern Physics	4	6	24	2019			
		CC-10	Analog Systems & Applications	5	6	30	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	4.67	5.23	Q
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	5	2	10	2019			
	PHYSICS	CC-11	Quantum Mechanics and Applications	4	6	24	2019			
V	F II I SIC S	CC-12	Solid State Physics	NA	6	NA				SNC
v	PHYSICS	DSE-1	Advanced Mathematical Physics	5	6	30	2019			SINC
	F II I SIC S	DSE-2	Communication Systems	5	6	30	2019			
	PHYSICS	CC-13	Electromagnetic Theory	8	6	48	2020			
VI	11115105	CC-14	Statistical Mechanics	7	6	42	2020	7.75	7.75	Q
V 1	PHYSICS	DSE-3	Nuclear and Particle Physics	8	6	48	2020	1.13	1.15	
	11115105	DSE-4	Astronomy and Astrophysics	8	6	48	2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G CGP		Result :	PNC

Date of Publication of Result : 29.10.2020

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

Anindya zohi Pal

Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

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: SK INTAZ

Honours: MATHEMATICS

Roll No. 170312000059

Semester	Surking 4	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the sis of	Result
No.	Subject	Code	(G		(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	6	6	36	2017		5.73	
	MATHEMATICS	CC-2	Algebra	6	6	36	2018			
Ι	PHYSICS	GE-1	Mechanics	5	6	30	2017	6.00		Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	MATHEMATICS	CC-3	Real Analysis	4	6	24	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	6	6	36	2018			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018	5.00	5.80	Q
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	NA	6	NA				
	MATHEMATICS	CC-6	Group Theory I	5	6	30	2018			CNIC
III		CC-7	Numerical Methods	6	6	36	2018			SNC
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	5	6	30	2018			1
	MATHEMATICS	SEC-1	Logic and Sets	6	2	12	2018			
		CC-8	Riemann Integration and Series of Functions	7	6	42	2020			
	MATHEMATICS	CC-9	Multivariate Calculus	7	6	42	2020			
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2019		6.60	
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	6.33	6.69	Q
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	5	6	30	2019			
V	MATHEMATICS	CC-12	Mechanics I	NA	6	NA				SNC
v	MATHEMATICS	DSE-1	Linear Programming	4	6	24	2019			SINC
	MATHEMATICS	DSE-2	Probability & Statistics	5	6	30	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	7	6	42	2020			
VI	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	7	6	42	2020	7.50	7.50	
V I	MATHEMATICS	DSE-3	Group Theory II	7	6	42	2020	7.50	/.30	Q
	IVIA I DEIVIA LICS	DSE-4	Mechanics II	9	6	54	2020			
`	umulative Grade Point Av umulative Grade Point Av						Letter G CGP		Result :	PNC

Date of Publication of Result : 29.10.2020

Course Types :

DSE – Discipline Specific Elective

SEC - Skill Enhancement Course

AECC – Ability Enhancement

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

$\sum_{i=1}^{\Sigma}$	V _i			Controller of Examinations
	CGPA Le	tter Grades	Result Codes:	
CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on

F (Fail)

Below 4

Grade	Point	Norms:	

Compulsory Course

CC – Core Course GE – Generic Elective

Grade Folint 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)

A (Very Good)

B+ (Good)

7 to below 8

6 to below 7

Percentage Conversion Formula:

the basis of CCs and DSEs.<5 or All

semesters not cleared]

= (SGPA or CGPA ×10) - 5.0

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

Anindya Zohi Pal

Controller of Examinations

NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.



Name: SK YASIN ALAM

Honours: MATHEMATICS

Roll No. 170312000062

Semester	Subject	Course	Course Title	Grade	Credit	Grade	Credit	1	A on the sis of	Result
No.	No. Code		Course The		Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017			
	MATHEMATICS	CC-2	Algebra	4	6	24	2018]		
Ι	PHYSICS	GE-1	Mechanics	5	6	30	2017	4.50	4.91	Q
	ENVIRONMENTAL STUDIES AECC-1 Fundam		Fundamentals of Environmental Studies	6	4	24	2017			
	MATHEMATICS	CC-3	Real Analysis	6	6	36	2019			
		CC-4	Differential Equations and Vector Calculus	5	6	30	2018			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018	5.50	5.70	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	NA	6	NA				
111	MATHEMATICS	CC-6	Group Theory I	4	6	24	2018			and
III		CC-7	Numerical Methods	6	6	36	2018			SNC
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	6	2	12	2018			
		CC-8	Riemann Integration and Series of Functions	7	6	42	2020			
	MATHEMATICS	CC-9	Multivariate Calculus	7	6	42	2020			
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	6.33	6.62	Q
	MATHEMATICS	SEC-2	Graph Theory	8	2	16	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2019			
V	MATHEMATICS	CC-12	Mechanics I	5	6	30	2019	1		SNC
v		DSE-1	Linear Programming	NA	6	NA		1		SINC
	MATHEMATICS	DSE-2	Probability & Statistics	5	6	30	2019	1		
		CC-13	Metric Spaces and Complex Analysis	8	6	48	2020			
171	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	7	6	42	2020	775	775	
VI		DSE-3	Group Theory II	7	6	42	2020	7.75	7.75	Q
	MATHEMATICS DSE-4 Mechanics II		Mechanics II	9	6	54	2020	1		
	Cumulative Grade Point Av			•	•	•	Letter G		Result :	PNC
CGPA (C	Cumulative Grade Point Av	verage) on th	e basis of All Courses :				CGP	A :		

Date of Publication of Result : 29.10.2020

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

Anindya zohi Pa	ł
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Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	E (E911)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

Oraue rome rorms.				
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: SUMANA MONDAL

Honours: MATHEMATICS

Roll No. 170312000083

Semester		Course		Grade	Credit	Grade	Credit		on the sis of	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017			
	MATHEMATICS	CC-2	Algebra	5	6	30	2017			
Ι	PHYSICS	GE-1	Mechanics	7	6	42	2017	5.00	6.09	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
	MATHEMATICS	CC-3	Real Analysis	4	6	24	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	5	6	30	2018			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018	4.50	Courses 6.09 5.70 6.08 6.23 5.50	Q
	Communicative English/MIL	AECC-2	-	9	2	18	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2019			
	MATHEMATICS	CC-6	Group Theory I	5	6	30	2018		6.00	
III		$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	6.08	Q						
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2018		.7 6.08	
	MATHEMATICS	SEC-1	6		2	14	2018			
		CC-8	Riemann Integration and Series of Functions	5	6	30	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2019	5.33	Courses 6.09 5.70 6.08 6.23 5.50	Q
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019]		
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2019			
V	MATHEMATICS	CC-12	Mechanics I	5	6	30	2019	5.50	5 50	
V		DSE-1	Linear Programming	5	6	30	2019	5.50	5.50	Q
	MATHEMATICS	DSE-2	Probability & Statistics	6	6	36	2019	1		
		CC-13	Metric Spaces and Complex Analysis	8	6	48	2020			
171	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	7	6	42	2020		8.00	
VI		DSE-3	Group Theory II	7	6	42	2020	8.00) 8.00	Q
	MATHEMATICS	DSE-4	Mechanics II	10	6	60	2020	1		
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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

Aningra Zoh Pal Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	E (Earl)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

Oraue rome rorms.				
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: ANKITA DUTTA

Honours: ZOOLOGY

Roll No. 170312200012

Semester		Course		Grade	Credit	Grade	Credit	1	a on the sis of	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (GXV)	Retained Year	CCs & DSEs		Code
	ZOOLOGY	CC-1	Non-chordates I	4	6	24	2017			
	2001001	CC-2	Ecology	6	6	36	2017			
Ι	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	6	6	36	2017	5.00	5.82	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
	ZOOLOGY	CC-3	Non-chordates II	6	6	36	2018			
	2001001	CC-4	Cell Biology	4	6	24	2018			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018	5.00	5.50	Q
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
		CC-5	Chordates	6	6	36	2018			
	ZOOLOGY	CC-6	Animal Physiology: Controlling and Coordinating Systems	7	6	42	2018			
III		CC-7	Fundamentals of Biochemistry	5	6	30	2018	6.00	5.92	Q
	BOTANY	GE-3	Plant Anatomy and Embryology	5	6	30	2018]		
	ZOOLOGY	SEC-1	Apiculture	8	2	16	2018]		
		CC-8	Comparative Anatomy of Vertebrates	6	6	36	2019			
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	5	6	30	2019]		
		CC-10	Immunology	6	6	36	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	5.67	6.08	Q
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	7	2	14	2019		5.50 5.92 6.08 7.00 8.50	
	ZOOLOGY	CC-11	Molecular Biology	7	6	42	2019			
V	2001001	CC-12	Genetics	8	6	48	2019	7.00	7.00	Q
v	ZOOLOGY	DSE-1	Animal Biotechnology	6	6	36	2019	/.00	7.00	
	2001001	DSE-2	Parasitology	7	6	42	2019			
	ZOOLOGY		Developmental Biology	8	6	48	2020			
VI	2002001	CC-14	Evolutionary Biology	9	6	54	2020	8.50	8 50	Q
	ZOOLOGY	DSE-3	Animal Behaviour	9	6	54	2020	0.50	0.50	۲ ۲
			Endocrinology	8	6	48	2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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

Anindya zohi Pal

Controller of Examinations

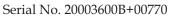
Course Types :		CGPA Let	tter Grades		Result Codes:			
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified			
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC - Semester Not Cleared			
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on			
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]			
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.			

Grade Point Norms:

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

- (SOLA OF COLA ×10) - 5.0





Name: APURBA CHANDRA

Honours: MATHEMATICS

Roll No. 170312200015

Semester	Sachia -4	Course	Course Title	Grade	Credit	Grade Point	Credit Retained			Result
No.	Subject	Code	Course The	(G)	Value (V)	(G×V)	Year	ed $\overline{CCs \&}$ All DSEs Courses $\overline{Ccs \&}$ All $\overline{Courses}$ Courses	Code	
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	6	6	36	2017			
			Algebra	7	6	42	2017			
I	PHYSICS	GE-1	Mechanics	6	6	36	2017	6.50	6.64	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
	MATHEMATICS	CC-3	Real Analysis	7	6	42	2019			
	WATHEWATICS	CC-4	Differential Equations and Vector Calculus	7	6	42	2018			
II PHYSICS C	GE-2	Electricity and Magnetism	42	2018	7.00	7.20	Q			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018			
	MATHEMATICS	CC-6	Group Theory I	6	6	36	2018			
III		CC-7	Numerical Methods	6	6	36	2018	5.33	5.92	Q
	STATISTICS	GE-3	Basics of Statistical Inference	8	6	48	2019			
	MATHEMATICS	SEC-1	Logic and Sets	5	2	10	2018			
		CC-8	Riemann Integration and Series of Functions	5	6	30	2019			
		MATHEMATICS CC-9		Multivariate Calculus	5	6	30	2019]	
IV		CC-10	Ring Theory and Linear Algebra I		6	48	2019	6.00	6.77	Q
	STATISTICS	GE-4	Applied Statistics	8	6	48	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019			
V	WATTEWATES	CC-12	Mechanics I	4	6	24	2019	5.75	5.75	Q
v	MATHEMATICS	DSE-1	Linear Programming	7	6	42	2019	5.75	5.75	V V
	WATHEWATICS	DSE-2	Probability & Statistics	4	6	24	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
VI		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	9.50	9.50	Q
V I	MATHEMATICS	DSE-3	Project Work	9	6	54	2020	9.50	9.50	۲V
	MATHEMATICS DSE-4		Mechanics II	9	6	54	2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G		Result	t : Q

Date of Publication of Result : 29.10.2020

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

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

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)

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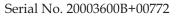
Percentage Conversion Formula:

= (SGPA or CGPA ×10) - 5.0

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

Anindya Zohi Pal

Controller of Examinations





Name: ARDHENDU KUNDU

Honours: MATHEMATICS

Roll No. 170312200017

Semester		Course		Grade	Credit	Grade	Credit		on the	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (GXV)	Retained Year	CCs & DSEs		Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2017			
	MATHEMATICS	CC-2	Algebra	5	6	30	2017			
I	PHYSICS	GE-1	Mechanics	6	6	36	2017	4.50	5.55	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
	MATHEMATICS	CC-3	Real Analysis	4	6	24	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	4	6	24	2018			
II	PHYSICS	GE-2	Electricity and Magnetism	6	6	36	2018	4.00	5.00	Q
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018			
	MATHEMATICS	CC-6	Group Theory I	6	6	36	2018			
III		CC-7	Numerical Methods	7	6	42	2018	5.67	5.69	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	5	2	10	2018			
		CC-8	Riemann Integration and Series of Functions	5	6	30	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019	5.67	5.77	Q
	MATHEMATICS	SEC-2	Graph Theory	6	2	12	2019		7 5.77	
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2019			
V	MATHEMATICS	CC-12	Mechanics I	4	6	24	2019	6.00	6.00	
	MATHEMATICS	DSE-1	Linear Programming	8	6	48	2019	0.00	0.00	Q
	MATHEMATICS	DSE-2	Probability & Statistics	6	6	36	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	9.50	0.50	
VI	MATHEMATICS	DSE-3	Project Work	9	6	54	2020	9.50	9.50	Q
	MATHEMATICS DSE-4		Mechanics II 9 6 54 2020							
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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

Anindya zohi Pal

Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)		-	NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

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: ARITRA KONAR

Honours: MATHEMATICS

Roll No. 170312200022

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the sis of	Result
No.	No. Code			(V)	(GXV)	Year	CCs & DSEs	All Courses	Code	
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2017			
	WATTEWATES	CC-2	Algebra	5	6	30	2017			
Ι	PHYSICS	GE-1	Mechanics	5	6	30	2017	4.50	5.27	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	4	32	2017				
	MATHEMATICS	CC-3	Real Analysis	5	6	30	2018			
	WATHEWATICS	CC-4	Differential Equations and Vector Calculus	7	6	42	2018			
II	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2018	6.00	6.70	Q
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018			
	III CC-7	CC-6	Group Theory I		6	36	2018	1		
III		CC-7	Numerical Methods	5	6	30	30 2018 5 36 2018	5.33	5.62	Q
		GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36				
	MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2018	1		
	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	6	6	36	2019			
		CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2019]		
IV	IV CHEMISTRY GE-4		Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019	6.00	6.08	Q
	MATHEMATICS	SEC-2	Graph Theory	7	2	14	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019			
v	WATHEWATICS	CC-12	Mechanics I	4	6	24	2019	6.50	6.50	
v	MATHEMATICS	DSE-1	Linear Programming	9	6	54	2019	0.50	0.50	Q
	WATHEWATICS	DSE-2	Probability & Statistics	5	6	30	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020			
VI	INA I HEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	9.25	0.25	Q
V I		DSE-3	Project Work	9	6	54	2020	9.23	9.25	
	MATHEMATICS	DSE-4	Mechanics II 9 6 54				2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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

Anindya Zohi Pal

Controller of Examinations

Course Types :		CGPA Le	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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

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: JIT GHOSH

Honours: PHYSICS

Roll No. 170312200061

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the sis of	Result
No.	No.	Code			(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	PHYSICS	CC-1	Mathematical Physics-I	8	6	48	2017			
	11115165	CC-2	Mechanics	8	6	48	2017		7.73	
Ι	MATHEMATICS	GE-1	Differential Calculus	7	6	42	2017 8.	8.00		Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
	PHYSICS	CC-3	Electricity and Magnetism	7	6	42	2018			
	PHI SICS	CC-4	Waves and Optics	7	6	42	2018			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018	7.00	7.00	Q
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
		CC-5	Mathematical Physics-II	8	6	48	2018			
	PHYSICS	CC-6	Thermal Physics		6	42	2018			
III		CC-7	Digital Systems and Applications	8	8 6	48	2018	7.67	7.31	Q
	MATHEMATICS GE		Real Analysis	6	6	6 36	2018			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	8	2	16	2018			
		CC-8	Mathematical Physics-III	9	6	54	2019			
	PHYSICS	CC-9	Elements of Modern Physics	7	6	42	2019			
		CC-10	Analog Systems & Applications	8	6	48	2019			
IV		GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	8.00	7.77	Q
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	8	2	16	2019			
	PHYSICS	CC-11	Quantum Mechanics and Applications	6	6	36	2019			
3.7	PHYSICS	CC-12	Solid State Physics	7	6	42	2019	6.25	6.25	
V	NUVGICG	DSE-1	Advanced Mathematical Physics	7	6	42	2019	6.25	6.25	Q
	PHYSICS	DSE-2	Classical Dynamics	5	6	30	2019			
	NUVGICG	CC-13	Electromagnetic Theory	9	6	54	2020			
3.71	PHYSICS	CC-14	Statistical Mechanics		6	54	2020	0.50	0.50	
VI	DUNCIOG	DSE-3 Nuclear and Particle Physics		7	6	42	2020	8.50	8.50	Q
	PHYSICS	DSE-4	Astronomy and Astrophysics	9	6	54	2020			
	umulative Grade Point Av umulative Grade Point Av						Letter Gr CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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Anindya Zohi Pal

Controller of Examinations

Course Types :		CGPA Le	Result Codes:		
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
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DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

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

Percentage Conversion Formula:

= (SGPA or CGPA ×10) - 5.0



Name: SOURAV MAN

Honours: ECONOMICS

Roll No. 170312200157

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the sis of	Result
No.	Subject	Code	Course 1itie	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	ECONOMICS	CC-1	Introductory Microeconomics	6	6	36 42	2017			
		CC-2	Statistics-I	2017						
Ι	STATISTICS	GE-1	Statistical Methods	8	6	48	2017	6.50	6.82	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	ECONOMICS	CC-3	Introductory Macroeconomics	7	6	42	2018			
	ECONOMICS	CC-4	Mathematical Economics-I	6	6	36	2018			
II	MATHEMATICS	GE-2	Differential Equations	5	6	30	2018	6.50	6.20	Q
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2018			
		CC-5	Intermediate Microeconomics	4	6	24	2018			
	ECONOMICS	CC-6	Intermediate Macroeconomics	5	6	30	2018			
III	II CC-7		Mathematical Economics -II	5	6	30	2018	4.67	5.00	Q
	STATISTICS	GE-3	Basics of Statistical Inference	6	6	36	2018			
	ECONOMICS	SEC-1	Managerial Economics	5	2	10	2018			
		CC-8	Selected Features of Indian Economy	5	6	30	2019			
	ECONOMICS	CC-9	Statistics-II	5	6	30	2019			
IV		CC-10	Development Economics	6	6	36	2019	5.33	5.92	Q
	MATHEMATICS	GE-4	Algebra	7	6	42	2019			
	ECONOMICS	SEC-2	Basic Computer Applications	8	2	16	2019			
	ECONOMICS	CC-11	International Economics	5	6	30	2019			
V	ECONOMICS	CC-12	Money and Banking	4	6	24	2019	4.25	4.25	
v	ECONOMICS	DSE-1	Rural Development	4	6	24	2019	4.23	4.23	Q
	ECONOMICS	DSE-2	Public Economics	4	6	24	2019			
	ECONOMICS	CC-13	Basic Econometrics	8	6	48	2020			
VI	ECONOMICS	CC-14	Field Survey & Project Report	8	6	48	2020	7.50	7.50	
V I	ECONOMICS	DSE-3	Political Economy	8	6	48	2020	7.50	7.30	Q
	ECONOMICS	DSE-4	Entrepreneurship Development	6	6	36	2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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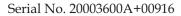
Anindya Zohi Pal
Controller of Examinations

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

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: SUKANYA ROY

Honours: ZOOLOGY

Roll No. 170312200184

Semester		Course		Grade	Credit	Grade	Credit	1	a on the sis of	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (GXV)	Retained Year	CCs & DSEs	All Courses	Code
	ZOOLOGY	CC-1	Non-chordates I	8	6	48	2017			
	2001001	CC-2	Ecology	7	6	42	2017			
Ι	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)							Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
	ZOOLOGY	CC-3	Non-chordates II	8	6	48	2018			
	2001001	CC-4	Cell Biology	8	6	48	2018			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018	8.00	7.70	Q
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2018			
		CC-5	Chordates	7	6	42	2018			
	ZOOLOGY	CC-6	Animal Physiology: Controlling and Coordinating Systems	9	6	54	2018			
III		CC-7	Fundamentals of Biochemistry	9	6	54	2018	8.33	7.92	Q
	BOTANY	GE-3	Plant Anatomy and Embryology	7	6	42	2018			
	ZOOLOGY	SEC-1	Apiculture	7	2	14	2018			
		CC-8	Comparative Anatomy of Vertebrates	7	6	42	2019			
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	8	6	48	2019			
		CC-10	Immunology	7	6	42	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2019	7.33	7.54	Q
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	8	2	16	2019			
	ZOOLOGY	CC-11	Molecular Biology	7	6	42	2019			
V	2001001	CC-12	Genetics	8	6	48	2019	7.50	7.50	Q
v	ZOOLOGY	DSE-1	Animal Biotechnology	7	6	42	2019	/.50	7.50	V V
	2001001	DSE-2	Parasitology	8	6	48	2019			
	ZOOLOGY		Developmental Biology	9	6	54	2020			
VI	2002001	CC-14	Evolutionary Biology	9	6	54	2020	9.00	9.00	Q
	ZOOLOGY	DSE-3	Animal Behaviour	10	6	60	2020	9.00	9.00	
			Endocrinology	8	6	48	2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t:Q

Date of Publication of Result : 29.10.2020

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Anindya zyohi Pal

Controller of Examinations

Course Types :		CGPA Let	Result Codes:		
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DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

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

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

- (SOLA OF COLA ×10) - 5.0



Name: AJIJUL HOSSAIN

Honours: MATHEMATICS

Roll No. 170312400002

Semester		Course	C TH	Grade	Credit	Grade	Credit		on the	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (GXV)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	8	6	48	2017			
	MATHEMATICS	CC-2	Algebra	6	6	36	2017			
Ι	PHYSICS	GE-1	Mechanics	8	6	48	2017	7.00	7.27	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS	CC-3	Real Analysis	7	6	42	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	8	6	48	2018			
II	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2018	7.50	7.80	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018			
	MATHEMATICS	CC-6	Group Theory I	6	6	36	2018			
III		CC-7	Numerical Methods	9 6 54 2018		6.67	6.62	Q		
	CHEMISTRY GE-3		Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
		CC-8	Riemann Integration and Series of Functions	9	6	54	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	6	6	36	2019			
		CC-10	Ring Theory and Linear Algebra I	9	6	54	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	8.00	7.77	Q
	MATHEMATICS	SEC-2	Graph Theory	8	2	16	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2019			
V	MATHEMATICS	CC-12	Mechanics I	4	6	24	2019	6.00	6.00	
	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2019	0.00	0.00	Q
	MATHEMATICS	DSE-2	Probability & Statistics	7	6	42	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020			
VI	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	0.75	0.75	
	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020	9.75 9.75		Q
	MATHEMATICS DSE-4 Project Work 1				6	60	2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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Anindya zohi Pal

Controller of Examinations

Course Types :		CGPA Let	Result Codes:		
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SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)		-	NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

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

Percentage Conversion Formula:

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



Name: ARIJIT MOHANTA

Honours: MATHEMATICS

Roll No. 170312400007

Semester		Course	с. тч	Grade	Credit	Grade	Credit		on the sis of	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	7	6	42	2017			
	MATHEMATICS	CC-2	Algebra	6	6	36	2017	6.50	6.45	
Ι	PHYSICS	GE-1	Mechanics	Iechanics 6 6						Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS	CC-3	Real Analysis	8	6	48	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	7	6	42	2018			
II	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2018	7.50	7.80	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018			
	MATHEMATICS	CC-6	Group Theory I	8	6	48	2018			
III		CC-7	Numerical Methods	, 0 12 2010		6.67	6.62	Q		
	CHEMISTRY GE-3		Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
		CC-8	Riemann Integration and Series of Functions	8	6	48	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	6	6	36	2019			
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2019	7.33	7.62	Q
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019			
V	MATHEMATICS	CC-12	Mechanics I	6	6	36	2019	7.25	7.25	
	MATHEMATICS	DSE-1	Linear Programming	8	6	48	2019	1.23	1.23	Q
	MATHEMATICS	DSE-2	Probability & Statistics	7	6	42	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
VI	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	
	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020	10.00	10.00	Q
	MATHEMATICS	DSE-4	Project Work	10	6	60	2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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Anindya zohi Pal

Controller of Examinations

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

Percentage Conversion Formula:

= (SGPA or CGPA $\times 10$) - 5.0



Name: SK SAZID ALI

Honours: MATHEMATICS

Roll No. 170312400050

Semester		Course	C TH	Grade	Credit	Grade	Credit		on the sis of	Result
No.	No. Subject Code		Course Title	(G)	Value (V)	Point (GXV)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	6	6	36	2017			
	MATHEMATICS	CC-2	Algebra	6	6	36	2017			
Ι	PHYSICS	GE-1	Mechanics	30	2017	6.00	5.55	Q		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	5	4	20	2017			
	MATHEMATICS	CC-3	Real Analysis	6	6	36	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	5	6	30	2018			
II	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2018	5.50	6.40	Q
	Communicative English/MIL	AECC-2		10	2	20	2018			
			Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018			
			Group Theory I	6	6	36	2018			
III	I CC	CC-7	Numerical Methods	6	6	36	2018	5.33	5.38	Q
	CHEMISTRY GE-3		Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2018			
	MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2018			
		CC-8	Riemann Integration and Series of Functions	4	6	24	2019			
	MATHEMATICS	CC-9	Multivariate Calculus		6	30	2019	2019		
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019	5.67	6.00	Q
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2019			
v	MATHEMATICS	CC-12	Mechanics I	4	6	24	2019	4.75	4.75	
	MATHEMATICS	DSE-1	Linear Programming	4	6	24	2019	4.75	4.75	Q
	MATHEMATICS	DSE-2	Probability & Statistics	5	6	30	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020			
VI	MATHEMATICS	CC-14 Ring Theory and Linear Algebra II		10	6	60	2020	9.75	9.75	
	MATHEMATICS DSE-3 Group Theory II		Group Theory II	10	6	60	2020	9.75	9.75	Q
	MATHEMATICS	DSE-4	Project Work	10	6	60	2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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Anindya zohi Pal

Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

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:

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



Name: SOMNATH SOM

Honours: NUTRITION

Roll No. 170312400052

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the sis of	Result
No.	Subject	Code	Course The	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	NUTRITION CC-1		Nutritional Physiology-I	7	6	42	2017			
	NUTRITION	CC-2	Nutritional Aspect of Food Items 8 6 48							
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017	7.50	7.27	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	NUTRITION	CC-3	Nutritional Physiology-II	6	6	36	2018			
	NUTRITION	CC-4	Physiological Aspect of Nutrition	8	6	48	2018			
II	CHEMISTRY	STRY GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018	7.00	7.00	Q
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
		CC-5	Nutritional Biochemistry	7	6	42	2018			
	NUTRITION	CC-6	Nutrition: Life Cycle Approach	7	6	42	2018]		
III	CC-7		Diet Therapy - I	7	6	42	2018	7.00	7.00	Q
	ZOOLOGY	GE-3	Physiology and Biochemistry		6	42	2018]		
	NUTRITION	SEC-1	Technology of Fruits and Vegetables	7	2	14	2018			
		CC-8	Nutritional Assessment and Nutrition Programme	7	6	42	2019			
	NUTRITION	CC-9	Community Nutrition and Epidemiology	7	6	42	2019		6.60	
IV		CC-10	Diet Therapy-II	7	6	42	2019	7.00	6.69	Q
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	6	6	36	2019			
	NUTRITION	SEC-2	Immunology, Toxicology and Public Health	6	2	12	2019			
	NUTDITION	CC-11	Food Microbiology and Food Borne Disease	7	6	42	2019			
V	NUTRITION	CC-12	Medical Microbiology and Pathology	7	6	42	2019		(00	
v		DSE-1	Therapeutic Nutrition and Critical Care	6	6	36	2019	6.00	6.00	Q
	NUTRITION	DSE-2	Molecular Biology	4	6	24	2019	1		
		CC-13	Nutraceutical and Functional Food	8	6	48	2020			
3.75	NUTRITION	CC-14	Food Safety and Food Standard	8	6	48	2020	775	7 75	
VI		DSE-3 Concept of Research and Health Management		8	6	48	2020	7.75	7.75	Q
	NUTRITION DSE-4 Food					42	2020	1		
<u>`````````````````````````````````````</u>	umulative Grade Point Av umulative Grade Point Av	0 /			-		Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

Graue rome 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: SOUVIK MONDAL

Honours: MATHEMATICS

Roll No. 170312400054

Semester		Course		Grade	Credit	Grade	Credit		on the	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS CC-1		Calculus, Geometry & Differential Equations	4	6	24	2017			
	MATHEMATICS	CC-2	Algebra	5	5 6 30	30	2017			
Ι	PHYSICS	GE-1	Mechanics	30	2017	4.50	5.27	Q		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
	MATHEMATICS	CC-3	Real Analysis	7	6	42	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	6	6	36	2018			
II	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2018	6.50	7.00	Q
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
	MATHEMATICS CC-5 CC-6		Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018			
			Group Theory I	5	6	30	2018			
III	CC-7	CC-7	Numerical Methods	6	6	36	2018	5.00	4.77	Q
	CHEMISTRY GE-3		Chemical Energetic, Equilibria, Organic Chemistry	4	6 2-	24	2018			
	MATHEMATICS	SEC-1	Logic and Sets	5	2	10	2018			
		CC-8	Riemann Integration and Series of Functions	4	6	24	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	5	6	30	2019			
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019	5.67	5.85	Q
	MATHEMATICS	SEC-2	Graph Theory	7	2	14	2019			
		CC-11	Partial Differential Equations and Applications	6	6	36	2019			
X 7	MATHEMATICS	CC-12	Mechanics I	NA	6	NA				ONG
V		DSE-1	Linear Programming	5	6	30	2019			SNC
	MATHEMATICS	DSE-2	Probability & Statistics	4	6	24	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020			
171	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	9.75	0.75	
VI		DSE-3 Group Theory II 10 6		60	2020	9.75	9.75	Q		
	MATHEMATICS DSE-4		Project Work	60	2020					
	umulative Grade Point Av umulative Grade Point Av						Letter G CGP		Result :	PNC

Date of Publication of Result : 29.10.2020

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Anindya zohi Pal

Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

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:

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





Name: SUBHABRATA BANERJEE

Honours: MATHEMATICS

Roll No. 170312400055

Semester		Course		Grade	Credit	Grade	Credit		on the	Result
No.	No. Subject Cod		Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017			
	MATHEMATICS	CC-2	Algebra	7	6	42	2017			
Ι	PHYSICS	GE-1	Mechanics	5	6	30	2017	6.00	5.91	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS	CC-3	Real Analysis	8	6	48	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	6	6	36	2018			
II	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2018	7.00	7.20	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
	MATHEMATICS CC-6 C		Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018			
			Group Theory I	6	6	36	2018			
III	CC	CC-7	Numerical Methods	7	6	42	2018	5.67	5.54	Q
	CHEMISTRY GE-3		Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2018			
	MATHEMATICS	SEC-1	Logic and Sets	6	2	12	2018]		
	CC-8		Riemann Integration and Series of Functions	5	6	30	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	Aultivariate Calculus 5 6 30 2019						
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2019			
IV	CHEMISTRY	Y GE-4 Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental 7 6 42 Chemistry		42	2019	6.00	6.31	Q		
	MATHEMATICS	SEC-2	Graph Theory	7	2	14	2019			
		CC-11	Partial Differential Equations and Applications	6	6	36	2019			
V	MATHEMATICS	CC-12	Mechanics I	4	6	24	2019	1.50	4.50	
		DSE-1	Linear Programming	4	6	24	2019	4.50	4.50	Q
	MATHEMATICS DSE-2		Probability & Statistics	4	6	24	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
	MATHEMATICS	CC-14 Ring Theory and Linear Algebra II		10	6	60	2020	10.00	10.00	
VI	MATHEMATICS DSE-3 Group Theory II		Group Theory II	10	6	60	2020	10.00	10.00	Q
	MATHEMATICS	DSE-4	Project Work 10 6 60				2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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Anindya zohi Pal

Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

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

Percentage Conversion Formula:

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



Name: SURAJIT DAS

Honours: MATHEMATICS

Roll No. 170312400060

Semester	Subject	Subject Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		a on the sis of	Result
No.	Subject	Code	Course The		(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
MATHEMATICS CC-1			Calculus, Geometry & Differential Equations	4	6	24	2017			
	MATTEMATICS	CC-2	Algebra	6	NA					
Ι	PHYSICS	GE-1	Mechanics	36	2017			SNC		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS	CC-3	Real Analysis	7	6	42	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	5	6	30	2018			
II	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2018	6.00	6.50	Q
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2018			
	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2019				
	MATHEMATICS III	CC-6	Group Theory I	4	6	24	2018			
III		CC-7	Numerical Methods	5	6	30	2018	4.33	4.54	Q
	CHEMISTRY GE-3		Chemical Energetic, Equilibria, Organic Chemistry	4	6 24	24	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
	CO		Riemann Integration and Series of Functions	4	6	24	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	6	6	36	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry		6	36	2019	4.67	5.38	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	5	6	30	2019			
V	MATHEMATICS	CC-12	Mechanics I	NA	6	NA				SNC
	MATHEMATICS	DSE-1	Linear Programming	5	6	30	2019			SINC
	MATHEMATICS	DSE-2	Probability & Statistics	5	6	30	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
3.71	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	
VI	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020	10.00	10.00	Q
	WIATHEWIATICS	DSE-4	Project Work 10 6 60				2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G		Result :	PNC

Date of Publication of Result : 29.10.2020

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Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

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

Controller of Examinations

Anindya Zohi Pal

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





Name: JANMENJOY SARKAR

Honours: ZOOLOGY

Roll No. 170313600004

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the sis of	Result
No.	No.	Code	Course The	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
ZOOLOGY		CC-1	Non-chordates I	7	6	42	2017			
	2001001	CC-2	cology 8 6 48							
Ι	I CHEMISTRY	GE-1	omic Structure, Chemical Periodicity, Acids d Bases, Redox Reactions, General Organic emistry & Aliphatic Hydrocarbons9		6	54	2017	7.50	8.00	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
	ZOOLOGY	CC-3	Non-chordates II	8	6	48	2018			
	2001001	CC-4	Cell Biology	6	6	36	2018			Q
II	BOTANY	GE-2	Plant Ecology and Taxonomy	9	6	54	2018	7.00	7.80	
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Chordates	6	6	36	2018			
	ZOOLOGY	CC-6	Animal Physiology: Controlling and Coordinating Systems	7	6	42	2018			
III		CC-7	Fundamentals of Biochemistry	7	6	42	2018	6.67	6.92	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry		6	48	2018			
	ZOOLOGY	SEC-1	Sericulture	6	2	12	2018			
		CC-8	Comparative Anatomy of Vertebrates	8	6	48	2019			
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	7	6	42	2019			
IV		CC-10	Immunology	8	6	48	2019	7.67	7.92	Q
	BOTANY	GE-4	Plant Physiology and Metabolism	8	6	48	2019			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	10	2	20	2019			
	ZOOLOGY	CC-11	Molecular Biology	8	6	48	2019			
V	2001001	CC-12	Genetics	7	6	42	2019	8.00	8.00	Q
v	ZOOLOGY	DSE-1	Animal Biotechnology	9	6	54	2019	8.00	8.00	V و
	2001001	DSE-2	Parasitology	8	6	48	2019			
	ZOOLOGY	CC-13	Developmental Biology	9	6	54	2020			
VI		CC-14	Evolutionary Biology	9	6	54	2020	9.00	0.00	Q
V I	ZOOLOGY	DSE-3	3 Wild life Conservation 9 6 54		54	2020	9.00	9.00		
		DSE-4	Endocrinology 9 6 54				2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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Anindya zohi Pal

Controller of Examinations

Course Types :		CGPA Let	tter 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
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Grade Point Norms:

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

Percentage Conversion Formula:

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



Name: NAHID NAZIA

Honours: ZOOLOGY

Roll No. 170313600007

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the sis of	Result
No.	Subject	Code	Course Three	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	ZOOLOGY		Non-chordates I	6	6	36	2017			
	2001001	CC-2	Ecology 8 6 48							
Ι	I CHEMISTRY		omic Structure, Chemical Periodicity, Acids ad Bases, Redox Reactions, General Organic memistry & Aliphatic Hydrocarbons		6	48	2017	7.00	7.27	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	ZOOLOGY	CC-3	Non-chordates II	7	6	42	2018			
	2001001	CC-4	Cell Biology	5	6	30	2018			Q
II	BOTANY	GE-2	Plant Ecology and Taxonomy	9	6	54	2018	6.00	7.30	
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
	ZOOLOGY	CC-5	Chordates	6	6	36	2018			
		CC-6	Animal Physiology: Controlling and Coordinating Systems	7	6	42	2018			
III		CC-7	Fundamentals of Biochemistry	7	6	42	2018	6.67	6.85	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2018			
	ZOOLOGY	SEC-1	Sericulture	5	2	10	2018			
		CC-8	Comparative Anatomy of Vertebrates	8	6	48	2019			
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	7	6	42	2019			
IV		CC-10	Immunology	7	6	42	2019	7.33	7.92	Q
	BOTANY	GE-4	Plant Physiology and Metabolism	9	6	54	2019			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	10	2	20	2019			
	ZOOLOGY	CC-11	Molecular Biology	8	6	48	2019			
v	2001001	CC-12	Genetics	7	6	42	2019	8.00	8.00	0
v	ZOOLOGY	DSE-1	Animal Biotechnology	9	6	54	2019	8.00	8.00	Q
	2001001	DSE-2	Parasitology	8	6	48	2019			
	ZOOLOGY	CC-13	Developmental Biology	9	6	54	2020			
VI		CC-14	Evolutionary Biology	9	6	54	2020	9.00	9.00	0
V I	ZOOLOGY	DSE-3				54	2020	9.00	9.00	Q
	DSE-4		Endocrinology 9 6 54				2020			
· · · ·	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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Anindya Zohi Pal

Controller of Examinations

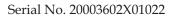
Course Types :		CGPA Let	tter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC - Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)		-	NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

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:

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





Name: SAGAR KUMAR KOLEY

Honours: PHYSICS

Roll No. 170313700007

Semester	Subject	Course	Course Title	Grade	Credit	Grade Point	Credit		on the sis of	Result
No.	No. Subject		Course Thie		Value (V)	(G×V)	Retained Year	CCs & DSEs	All Courses	Code
	PHYSICS	CC-1	Mathematical Physics-I	6	6	36	2017			
	CC-2		Mechanics	6	6	36	2017			
Ι	MATHEMATICS	GE-1	Differential Calculus	6	24	2017	2017 6.00	5.64	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	PHYSICS	CC-3	Electricity and Magnetism	5	6	30	2018			
	PHYSICS	CC-4	Waves and Optics	5	6	30	2019]		
II CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018	5.00	5.70	Q	
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Mathematical Physics-II	5	6	30	2018			
	PHYSICS	CC-6	Thermal Physics	4	6	24	2018]		
III		CC-7	Digital Systems and Applications	7	6	42	2018	5.33	5.08	Q
	MATHEMATICS GE-3		Real Analysis	4	6	24	2018]		
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	6	2	12	2018]		
		CC-8	Mathematical Physics-III	5	6	30	2019			
	PHYSICS	CC-9	Elements of Modern Physics	5	6	30	2019			
		CC-10	Analog Systems & Applications	6	6	36	2019]		
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	5.33	5.85	Q
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	7	2	14	2019			
	PHYSICS	CC-11	Quantum Mechanics and Applications	5	6	30	2019			
V	PH 1 SICS	CC-12	Solid State Physics	5	6	30	2019			SNC
v	PHYSICS	DSE-1	Advanced Mathematical Physics	6	6	36	2019			SINC
	rn15lC5	DSE-2	Classical Dynamics	NA	6	NA				
	PHYSICS	CC-13	Electromagnetic Theory	8	6	48	2020			
VI	rn15lC5	CC-14	Statistical Mechanics	8	6	48	2020	8.00	8.00	
V I	PHYSICS	DSE-3	Nuclear and Particle Physics	7	6	42	2020	0.00	0.00	Q
	rn13lC3	DSE-4	Applied Dynamics							
	umulative Grade Point Av umulative Grade Point Av						Letter G CGP		Result :	PNC

Date of Publication of Result : 29.10.2020

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

Anindya Zohi Pal

Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

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: SANTU DUTTA

Honours: MATHEMATICS

Roll No. 170313700008

Semester	Subject.	Course	Course Title	Grade	Credit	Grade	Credit		on the sis of	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS CC-1 CC-2		Calculus, Geometry & Differential Equations	4	6	24	2017			
			Algebra	4	6	24	2017			
Ι	PHYSICS	GE-1	Mechanics	5	6	30	2017	4.00	4.64	Q
	ENVIRONMENTAL STUDIES	Fundamentals of Environmental Studies	6	4	24	2017				
	MATHEMATICS	CC-3	Real Analysis	5	6	30	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	4	6	24	2019			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018	4.50	5.10	Q
	Communicative English/MIL	AECC-2	heory of Real Functions & Introduction to 5		2	18	2018			
			Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018			
	MATHEMATICS	CC-6	Group Theory I	NA	6	NA				CNIC
III		CC-7	Numerical Methods	6	6	36	2018			SNC
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	24	2018					
	MATHEMATICS	SEC-1	Logic and Sets	2018						
	CC-8		Riemann Integration and Series of Functions	4	6	24	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	5	6	30	2019			
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2020			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	5.33	5.77	Q
	MATHEMATICS	SEC-2	Graph Theory	6	2	12	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2019			
V	MATHEMATICS	CC-12	Mechanics I	NA	6	NA				SNC
v	MATHEMATICS	DSE-1	Linear Programming	5	6	30	2019			SINC
	MATHEMATICS	DSE-2	Probability & Statistics	4	6	24	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020			
VI	IVIA I DEIVIA LICS	CC-14	Ring Theory and Linear Algebra II	9	6	54	2020	0.00	0.00	
V I	MATHEMATICS	DSE-3	Group Theory II	9	6	54	2020	9.00 9.00		Q
	IVIA I DEIVIA LICS	DSE-4								
	umulative Grade Point Av umulative Grade Point Av						Letter G		Result :	PNC

Date of Publication of Result : 29.10.2020

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

I-1	1-1				
Course Types :		CGPA Let	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	E (E911)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

Graue rome 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: SOMNATH DUTTA

Honours: MATHEMATICS

Roll No. 170313700009

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the sis of	Result
No.	Subject	Code	Course Thie	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017			
	MATHEMATICS	CC-2	Algebra	4	6	24	2017			
Ι	PHYSICS	GE-1	Mechanics	5	6	30	2017	4.50	5.09	Q
	ENVIRONMENTAL STUDIES	7	4	28	2017					
	MATHEMATICS	CC-3	Real Analysis	5	6	30	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	4	6	24	2019			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018	4.50	5.00	Q
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2018			
	CC-5		Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2018			
	MATHEMATICS	CC-6	Group Theory I	NA	6	NA				aug
III		CC-7	Numerical Methods	6	6	36	2018			SNC
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics							
	MATHEMATICS	SEC-1	Logic and Sets	12	2018					
	CC-8	CC-8	Riemann Integration and Series of Functions	7	6	42	2020			
	MATHEMATICS	CC-9	Multivariate Calculus	6	6	36	2019			
		CC-10	Ring Theory and Linear Algebra I	4	6	24	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	5.67	6.08	Q
	MATHEMATICS	SEC-2	Graph Theory	7	2	14	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019			
V	MATHEMATICS	CC-12	Mechanics I	NA	6	NA				SNC
v		DSE-1	Linear Programming	6	6	36	2019			SINC
	MATHEMATICS	DSE-2	Probability & Statistics	5	6	30	2019			
		CC-13	Metric Spaces and Complex Analysis	9	6	54	2020			
3.71	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	8	6	48	2020	0.75	0.75	
VI	DSE-3 Group Theory II		Group Theory II	9	6	54	2020	8.75 8.75		Q
	MATHEMATICS	DSE-4	Mechanics II	9	6	54	2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G CGP		Result :	PNC

Date of Publication of Result : 29.10.2020

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

1=1	1=1				
Course Types :		CGPA Let	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

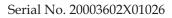
Compulsory Course Grade Point Norms:

Graue rome 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: SURAJ CHATTERJEE

Honours: PHYSICS

Roll No. 170313700013

Semester		Course		Grade	Credit	Grade	Credit		A on the sis of	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	PHYSICS	CC-1	Mathematical Physics-I	7	6	42	2017			
	CC-2		Mechanics	6	6	36	2017			
Ι	MATHEMATICS	GE-1	Differential Calculus	6	6	36	2017	6.50	6.45	Q
	ENVIRONMENTAL STUDIES	7	4	28	2017					
	PHYSICS	CC-3	Electricity and Magnetism	6	6	36	2019			
	PHYSICS	CC-4	Waves and Optics	6	30	2019				
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018	5.50	5.70	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Mathematical Physics-II	5	6	30 2018				
	PHYSICS	CC-6	Thermal Physics	4	6	24	2018			
III		CC-7	Digital Systems and Applications		6	30	2018	4.67	4.62	Q
	MATHEMATICS	GE-3	Real Analysis	4	6	24	2018			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	6	2	12	2018			
	CC-8		Mathematical Physics-III	6	6	36	2019			
	PHYSICS	CC-9	Elements of Modern Physics	5	6	30	2019			
		CC-10	Analog Systems & Applications	6	6	36	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	5.67	6.08	Q
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	7	2	14	2019			
	PHYSICS	CC-11	Quantum Mechanics and Applications	5	6	30	2019			
v	F II I SIC S	CC-12	Solid State Physics	6	6	36	2019			SNC
v	PHYSICS	DSE-1	Advanced Mathematical Physics	6	6	36	2019			SINC
	F II I SIC S	DSE-2	Classical Dynamics	NA	6	NA				
	PHYSICS	CC-13	Electromagnetic Theory	9	6	54	2020			
VI		CC-14	Statistical Mechanics	8	6	48	2020	8 50	8 50	
V I	PHYSICS	DSE-3	Nuclear and Particle Physics	8	6	48	2020	8.50 8.50		Q
	rn13lC3	DSE-4	Applied Dynamics 9 6 54				2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G CGP		Result :	PNC

Date of Publication of Result : 29.10.2020

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

Anindya Zohi Pal

Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

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: ABHIJIT KARMAKAR

Honours: MATHEMATICS

Roll No. 170330100001

Semester		Course	с. тч	Grade	Credit	Grade Point	Credit		on the sis of	Result
No.	Subject	Code	Course Title	(G)	Value (V)	(G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017			
	MATHEMATICS	CC-2	Algebra	4	6	24	2017			
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	5	6	30	2017	4.50	5.09	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS	CC-3	Real Analysis	7	6	42	2020			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	8	6	48	2018		7.50	
II	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2018	7.50		Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018			
	MATHEMATICS	CC-6	Group Theory I	5	6	30	2018		6.00	
III		CC-7	Numerical Methods	7	6	42	2018	5.33	6.08	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	8	6	48	2018			
	MATHEMATICS	SEC-1	Logic and Sets	14	2018					
	CC-8		Riemann Integration and Series of Functions	7	6	42	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	7	6	42	2019			
		CC-10	Ring Theory and Linear Algebra I	4	6	24	2019	1		
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	6.00	6.54	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2019			
V	MATHEMATICS	CC-12	Mechanics I	4	6	24	2019	5.25	5.25	Q
	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2019	5.25	5.25	V V
	MATHEMATICS	DSE-2	Probability & Statistics	4	6	24	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020			
VI	MATRIVIATIUS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	9.75	0.75	
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020	9.75	9.75	Q
		DSE-4	Mechanics II 10 6 60				2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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

Aningra Zoh Pal Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)		1	NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

Grade I onte i toring.		-	
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: DEBASISH ROY

Honours: MATHEMATICS

Roll No. 170330100031

Semester	Course Course		0	Grade	Credit	Grade	Credit		on the sis of	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017			
	MATHEMATICS	CC-2	Algebra	4	6	24	2019			
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2017 4	4.50	5.73	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	MATHEMATICS		Real Analysis	5	6	30	2019			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	6	6	36	2018			
II	PHYSICS GE-2 Elec		Electricity and Magnetism	6	6	36	2018	5.50	6.10	Q
	Communicative English/MIL	AECC-2	6	10	2	20	2018			L
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018			
	MATHEMATICS	CC-6	Group Theory I	6	6	36	2018			
III		CC-7	Numerical Methods	6	6	36	2018	5.33	5.69	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
	MATHEMATICS CO	CC-8	Riemann Integration and Series of Functions	5	6	30	2019			
		CC-9	Multivariate Calculus	5	6	30	2019			
		CC-10	Ring Theory and Linear Algebra I	eory and Linear Algebra I 4 6 24 2019		2019				
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	4.67	5.62	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2019			
V	MATHEMATICS	CC-12	Mechanics I	6	6	36	2019			SNC
v	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2019			SINC
	MATHEMATICS	DSE-2	Probability & Statistics	NA	6	NA				
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
VI		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	
V I	MATHEMATICS	DSE-3	Project Work	10	6	60	2020	10.00	10.00	Q
			Mechanics II	10		60	2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G CGP		Result :	PNC

Date of Publication of Result : 29.10.2020

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

Anindya zohi Pal

Controller of Examinations

Course Types :		CGPA Le	tter 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	
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.	

Grade Point Norms:

Oraue rome rorms.				
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: RISHAV RAJ CHANDRA

Honours: MATHEMATICS

Roll No. 170330100063

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the sis of	Result
No.	Subject	Code	Course The	(G)	(V)	(GXV)	Year	CCs & DSEs		Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017			
	MATHEMATICS	CC-2	Algebra	36	2017					
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6 4		2017	5.50	6.45	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS		Real Analysis	7	6	42	2018			
	WATHEWATICS	CC-4	Differential Equations and Vector Calculus	36	2018					
II	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2018	6.50	7.00	Q
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018			
	MATHEMATICS	CC-6	Group Theory I	5	6	30	2018			
III		CC-7	Numerical Methods	7	6	42	2018	5.33	6.00	Q
	PHYSICS	GE-3								
	MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2018			
		CC-8	Riemann Integration and Series of Functions	6	6	36	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	4	6	24	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019	4.67	7 5.38	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2019			
V	MATHEMATICS	CC-12	Mechanics I	7	6	42	2019	6.00	6.00	
V		DSE-1	Linear Programming	7	6	42	2019	6.00	6.00	Q
	MATHEMATICS	DSE-2	Probability & Statistics	4	6	24	2019			
		CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
3.71	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	
VI	MATHEMATICS	DSE-3	Project Work	10	6	60	2020	10.00	10.00	Q
	MATHEMATICS	DSE-4	Mechanics II	10	6	60	2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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

Aningra Zoh Pal Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1 C2 and C4 as applicable.

Grade Point Norms:

Grude i onte i torinst		-	
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: RITWIK DAS

Honours: MATHEMATICS

Roll No. 170330100064

Semester	Courso		Grade	Credit		on the sis of	Result			
No.	Subject	Code	Course Title	(G)	(Value) (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017			
	WATHEWATICS	CC-2	Algebra	6	6	36	2017			
Ι	PHYSICS	GE-1	Mechanics	7	6	42	2017	5.50	6.18	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS	ATHEMATICS CC-3 Real Analysis		6	6	36	2018			
MATHEMATICS C		CC-4	Differential Equations and Vector Calculus	4	6	24	2018			
II	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2018	5.00	6.10	Q
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	NA	6	NA				
	MATHEMATICS	CC-6	Group Theory I	5	6	30	2018			
III		CC-7	Numerical Methods	6	6	36	2018			SNC
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2018			
	MATHEMATICS CC-8 CC-9 CC-10	CC-8	Riemann Integration and Series of Functions	6	6	36	2019			
		CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I 4 6 24		24	2019	1			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019	4.67	5.38	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
		CC-11	Partial Differential Equations and Applications	7	6	42	2019			
3.7	MATHEMATICS	CC-12	Mechanics I	7	6	42	2019			ONG
V		DSE-1	Linear Programming	6	6	36	2019			SNC
	MATHEMATICS	DSE-2	Probability & Statistics	NA	6	NA				
		CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
3.71	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	
VI		DSE-3	Project Work	10	6	60	2020	10.00	10.00	Q
	MATHEMATICS	DSE-4	Mechanics II	10	6	60	2020			
· · · · ·	umulative Grade Point Av						Letter G		Result :	PNC
CGPA (C	umulative Grade Point Av	verage) on th	e basis of All Courses :				CGP	A :	result.	

Date of Publication of Result : 29.10.2020

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

Anindya Zohi Pal

Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

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:

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



Name: ABHINANDAN GHOSAL

Honours: MATHEMATICS

Roll No. 170330300002

Semester		Course Course		Grade	Credit	Grade	Credit		on the sis of	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	Calculus, Geometry & Differential Equations	5	6	30	2017				
	MATHEMATICS	CC-2	Algebra	2017						
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017	4.50	5.27	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	5	4	20	2017			
	MATHEMATICS	CC-3	Real Analysis	4	6	24	2018			
	II CHEMISTRY GE-2		Differential Equations and Vector Calculus	7	6	42	2020			
II			States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018	5.50	5.70	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	NA	6	NA				
	MATHEMATICS	CC-6	Group Theory I	5	6	30	2018			CNIC
III		CC-7	Numerical Methods	5	6	30	2018			SNC
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	4	6	24	2018			
	MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2018			
	MATHEMATICS CC-9	CC-8	Riemann Integration and Series of Functions	7	6	42	2020			
		CC-9	Multivariate Calculus	5	6	30	2019]		Q
IV		CC-10	Ring Theory and Linear Algebra I	4	6	24	2019	5.33	5.77	
	PHYSICS	GE-4	Waves and Optics	6	6	36	2019			
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	5	6	30	2019			
V	WATHEWATICS	CC-12	Mechanics I	NA	6	NA				SNC
v	MATHEMATICS	DSE-1	Linear Programming	4	6	24	2019			SINC
	MATHEMATICS	DSE-2	Probability & Statistics	4	6	24	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	8	6	48	2020			
VI	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	9	6	54	2020	8.50	8.50	
V I	MATHEMATICS	DSE-3 Project Work		10	6	60	2020	0.50	8.30	Q
			Mechanics II	7	6	42	2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G CGP		Result :	PNC

Date of Publication of Result : 29.10.2020

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

Course Types :		CGPA Let	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

Of auc I offic 100 ms.				
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: AMARTYA SEN

Honours: MATHEMATICS

Roll No. 170330300007

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the sis of	Result
No.	Subject	Code	Course little	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017			
	MATHEMATICS	CC-2	Algebra	5	6	30	2017			
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2017	5.00	5.27	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	5	4	20	2017			
	MATHEMATICS		Real Analysis	4	6	24	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	4	6	24	2018			
Π	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018	4.00	5.30	Q
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2019			
	MATHEMATICS	CC-6	Group Theory I	5	6	30	2018	1.67	- 00	
III		CC-7	Numerical Methods	5	6	30	2018	4.67	5.08	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	5	6	30	2018			
	MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2018			
		CC-8	Riemann Integration and Series of Functions	5	6	30	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	5	6	30	2019			
IV		CC-10	Ring Theory and Linear Algebra I	4	6	24	2019	4.67	5.08	Q
	PHYSICS	GE-4	Waves and Optics	5	6	30	2019			
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	4	6	24	2019			
V	MATHEMATICS	CC-12	Mechanics I	NA	6	NA				SNC
v	MATHEMATICS	DSE-1	Linear Programming	NA	6	NA				SINC
	MATHEMATICS	DSE-2	Probability & Statistics	4	6	24	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	8	6	48	2020			
VI	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	9.00	9.00	Q
V I	DSE-3		Project Work		6	54	2020	9.00	9.00	
	MATHEMATICS	DSE-4	Mechanics II	9	6	54	2020			
	Cumulative Grade Point Av						Letter G CGP		Result :	PNC

Date of Publication of Result : 29.10.2020

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

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

Graue rome 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: ARNAB NAG

Honours: ZOOLOGY

Roll No. 170330300013

Semester	Secking 4	Course	Course Title	Grade	Credit	Grade	Credit	1	on the sis of	Result
No.	Subject	Code	Course 1itle	(G)	Value (V)	Point (GXV)	Retained Year	CCs & DSEs	All Courses	Code
	ZOOLOGY	CC-1	Non-chordates I	8	6	48	2017			
	2001001	CC-2	Ecology	6	6	36	2017			
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2017	7.00	7.09	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	ZOOLOGY	CC-3	Non-chordates II	7	6	42	2018			
	2001001	CC-4	Cell Biology	7	6	42	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018	7.00	7.00	Q
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018			
		CC-5	Chordates	6	6	36	2018			
		CC-6	Animal Physiology: Controlling and Coordinating Systems	8	6	48	2018			Q
III		CC-7	Fundamentals of Biochemistry	8	6	48	2018	7.33	7.38	
	BOTANY	GE-3	Plant Anatomy and Embryology	7	6	42	2018			
	ZOOLOGY	SEC-1	Sericulture	9	2	18	2018			
		CC-8	Comparative Anatomy of Vertebrates	7	6	42	2019			
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	7	6	42	2019			Q
IV		CC-10	Immunology	5	6	30	2019	6.33	7.15	
	BOTANY	GE-4	Plant Physiology and Metabolism	9	6	54	2019			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	9	2	18	2019			
	ZOOLOGY	CC-11	Molecular Biology	7	6	42	2019			
V	2001001	CC-12	Genetics	7	6	42	2019	7.25	7.25	Q
v	7001.003	DSE-1	Animal Biotechnology	8	6	48	2019	1.25	1.25	Q
	ZOOLOGY	DSE-2	Parasitology	7	6	42	2019			
	7001003	CC-13	Developmental Biology	9	6	54	2020			
VI	ZOOLOGY	CC-14	Evolutionary Biology	9	6	54	2020	8.75	075	
V1	DSE-3		Animal Behaviour	9	6	54	2020	8.75	8.75	Q
	ZOOLOGY	DSE-4	Endocrinology	8	6	48	2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	: Q

Date of Publication of Result : 29.10.2020

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

Aningra Zoh Pal Controller of Examinations

Course Types :		CGPA Le	tter Grades		Result Codes:
CC – Core Course	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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

Ji auc I olint 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: BHASKAR MONDAL

Honours: MATHEMATICS

Roll No. 170330300024

Semester		Course	C TH	Grade	Credit	Grade	Credit		on the sis of	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	7	6	42	2017			
	MATHEMATICS	CC-2	Algebra	6	6	36	2017			
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2017	6.50	7.09	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	MATHEMATICS	CC-3	Real Analysis	8	6	48	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	8	6	48	2018			Q
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018	8.00	7.80	
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018			
	MATHEMATICS	CC-6	Group Theory I	9	6	54	2018		6.00	
III		CC-7	Numerical Methods	7	6	42	2018	7.00	6.92	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2018			
		CC-8	Riemann Integration and Series of Functions	8	6	48	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	6	6	36	2019			Q
IV		CC-10	Ring Theory and Linear Algebra I	5	6	30	2019	6.33	6.69	
	PHYSICS	GE-4	Waves and Optics	7	6	42	2019			
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019			
V	MATHEMATICS	CC-12	Mechanics I	5	6	30	2019	6.25	6.25	Q
v	MATHEMATICS	DSE-1	Linear Programming	4	6	24	2019	0.23	0.23	
	MATHEMATICS	DSE-2	Probability & Statistics	8	6	48	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020			
VI	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	9	6	54	2020	9.25	0.25	
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020	9.23	9.25	Q
		DSE-4	Mechanics II	9	6	54	2020			
<u>`````````````````````````````````````</u>	umulative Grade Point Av umulative Grade Point Av	0 /					Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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

Aningra Zoh Pal Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

Grade I onte i toring.		-	
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: KASTURI RANA

Honours: MATHEMATICS

Roll No. 170330300044

Semester		Course		Grade	Credit	Grade	Credit		on the	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	6	6	36	2017			
	WATHEWATICS	CC-2	Algebra	4	6	24	2017			
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2017	5.00	6.00	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	MATHEMATICS		Real Analysis	4	6	24	2019			
	WATHEWATICS	CC-4	Differential Equations and Vector Calculus	4	6	24	2019			
Π	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018	4.00	5.20	Q
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	NA	6	NA				
	MATHEMATICS	CC-6	Group Theory I	5	6	30	2018			ava
III		CC-7	Numerical Methods	5	6	30	2018			SNC
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	6	2	12	2018			1
		CC-8	Riemann Integration and Series of Functions	7	6	42	2020			
	MATHEMATICS	CC-9	Multivariate Calculus	7	6	42	2020			Q
IV		CC-10	Ring Theory and Linear Algebra I	7	6	42	2020	7.00	6.92	
	PHYSICS	GE-4	Waves and Optics	6	6	36	2019			
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	5	6	30	2019			
V	WATTEWATCS	CC-12	Mechanics I	NA	6	NA				SNC
v	MATHEMATICS	DSE-1	Linear Programming	4	6	24	2019			SINC
	WIATHEWIATICS	DSE-2	Probability & Statistics	5	6	30	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020			
VI	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	9	6	54	2020	9.00	9.00	Q
V I	DSE-3		Project Work	9	6	54	2020	9.00	9.00	
	MATHEMATICS	DSE-4	Mechanics II	9	6	54	2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G CGP		Result :	PNC

Date of Publication of Result : 29.10.2020

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

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1. C2 and C4 as applicable.

Grade Point Norms:

Ji auc I olint 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: PRIYAJIT GHOSH

Honours: MATHEMATICS

Roll No. 170330300065

Semester		Course		Grade	Credit	Grade	Credit		on the sis of	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	6	6	36	2017			
	MATHEMATICS	CC-2	Algebra	4	6	24	2017			
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017	5.00	5.55	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	5	4	20	2017			
	MATHEMATICS	CC-3	Real Analysis	5	6	30	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	30	2018					
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018	5.00	5.50	Q
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018			
	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces		6	30	2018			
	MATHEMATICS	CC-6	Group Theory I	8	6	48	2018		- 00	
III		CC-7	Numerical Methods	8	6	48	2018	7.00	7.08	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
		CC-8	Riemann Integration and Series of Functions	7	6	42	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	6	6	36	2019			
IV		CC-10	Ring Theory and Linear Algebra I	6	6	36	2019	6.33	6.46	Q
	PHYSICS	GE-4	Waves and Optics	6	6	36	2019			
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2019			
V	MATHEMATICS	CC-12	Mechanics I	4	6	24	2019	5.25	5.25	Q
v	MATHEMATICS	DSE-1	Linear Programming	5	6	30	2019	5.25	5.25	V V
	MATHEMATICS	DSE-2	Probability & Statistics	6	6	36	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020			
VI	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	9.50	9.50	
V I	DSE-3		DSE-3 Project Work		6	60	2020	9.50	9.50	Q
	MATHEMATICS	DSE-4	Mechanics II	9	6	54	2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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

Aningra Zoh Pal Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	E (Earl)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

Grade I onte i toring.		-	
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: RAJIB GHOSH

Honours: PHYSICS

Roll No. 170330300070

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the sis of	Result	
No.	Subject	Code	Course little	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code	
	PHYSICS	CC-1	Mathematical Physics-I	6	6	36	2017				
	11115105	CC-2	Mechanics	5	6	30	2017				
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2017	5.50	6.09	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	5	4	20	2017				
	PHYSICS	CC-3	Electricity and Magnetism			2018					
	PHI SICS	CC-4	Waves and Optics	4	6	24	2018				
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018	4.50) 5.30	Q	
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2018				
		CC-5	Mathematical Physics-II	8	6	48	2018				
	PHYSICS	CC-6	Thermal Physics	6	6	36	2018				
III		CC-7	Digital Systems and Applications		6	42	2018	7.00	6.54	Q	
	MATHEMATICS	GE-3	Real Analysis	5	6	30	2018				
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	7	2	14	2018				
			Mathematical Physics-III	7	6	42	2019				
	PHYSICS		Elements of Modern Physics	8	6	48	2019				
IV			Analog Systems & Applications	7	6	42	2019	7.33	6.92	Q	
	MATHEMATICS	GE-4	Algebra	6	6	36	2019				
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	6	2	12	2019				
	PHYSICS		Quantum Mechanics and Applications	7	6	42	2019				
V		CC-12	Solid State Physics	7	6	42	2019	5.75	5.75	Q	
v	PHYSICS	DSE-1	Advanced Mathematical Physics	5	6	30	2019	5.75	5.75	V V	
	11115105	DSE-2	Classical Dynamics	4	6	24	2019				
	PHYSICS	CC-13	Electromagnetic Theory	9	6	54	2020				
VI		CC-14	Statistical Mechanics	9	6	54	2020	8.00	8.00	Q	
* 1	PHYSICS		Nuclear and Particle Physics6636			36	2020	0.00	0.00		
			Astronomy and Astrophysics	8	6	48	2020				
	CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.56									Result : O	
CGPA (C	umulative Grade Point Av	verage) on th	e basis of All Courses : 6.48				CGPA	: B+		×	

Date of Publication of Result : 29.10.2020

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

Anindya zohi Pal

Controller of Examinations

Course Types :		CGPA Le	tter Grades		Result Codes:		
CC – Core Course	CGPA	Letter Grade	tter Grade CGPA Letter Grade Q		Q - Qualified		
GE – Generic Elective	9 and above	O (Outstanding)) 5 to below 6 B (Average) 5		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		
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	E (Eail)	the basis of CCs and DSEs.<5 or All semesters not cleared]		
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.		

Grade Point Norms:

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: SOUMYADEEP DEY

Honours: MATHEMATICS

Roll No. 170330300084

Semester		Course		Grade	Credit	Grade	Credit		on the	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017			
	MATHEMATICS	CC-2	Algebra	6	6	36	2018			
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2017	5.50	5.73	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	MATHEMATICS	CC-3	Real Analysis	8	6	48	2020			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	5	6	30	2019			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018	6.50	6.60	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	NA	6	NA				
	MATHEMATICS	CC-6	Group Theory I	6	6	36	2018			ava
III		CC-7	Numerical Methods	5	6	30	2018			SNC
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	5	6	30	2018			1
	MATHEMATICS	SEC-1	Logic and Sets	5	2	10	2018			
		CC-8	Riemann Integration and Series of Functions	4	6	24	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	7	6	42	2020			
IV		CC-10	Ring Theory and Linear Algebra I	7	6	42	2020	6.00	6.15	Q
	PHYSICS	GE-4	Waves and Optics	6	6	36	2019			
	MATHEMATICS	SEC-2	Graph Theory	8	2	16	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2019			
V	MATHEMATICS	CC-12	Mechanics I	NA	6	NA				SNC
v	MATHEMATICS	DSE-1	Linear Programming	5	6	30	2019			SINC
	MATHEMATICS	DSE-2	Probability & Statistics	7	6	42	2019			
		CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
VI	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	9.50	9.50	
	MATHEMATICS	DSE-3 Project Work		9	6	54	2020	9.50	9.50	Q
	MATHEMATICS	DSE-4	Mechanics II	9	6	54	2020			
	umulative Grade Point Av umulative Grade Point Av						Letter Gr		Result :	PNC

Date of Publication of Result : 29.10.2020

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

Course Types :		CGPA Let	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

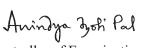
Grade Point Norms:

Oraue rome 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: SOUVICK GHOSH

Honours: MATHEMATICS

Roll No. 170330300087

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the sis of	Result
No.	Subject	Code	Course The	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2017			
	MATHEMATICS	CC-2	Algebra	5	6	30	2018			
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2017	4.50	5.00	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	5	4	20	2017			
	MATHEMATICS	CC-3	Real Analysis	7	6	42	2020			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	7	6	42	2020			
Π	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018	7.00	.00 6.90	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018			
	MATHEMATICS	CC-6	Group Theory I	4	6	24	2018	4.22	5.00	
III		CC-7	Numerical Methods	5	6	30	2018	4.33	5.00	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
		CC-8	Riemann Integration and Series of Functions	4	6	24	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	5	6	30	2019			
IV		CC-10	Ring Theory and Linear Algebra I	4	6	24	2019	4.33	4.77	Q
	PHYSICS	GE-4	Waves and Optics	5	6	30	2019			
	MATHEMATICS	SEC-2	Graph Theory	8	2	16	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	5	6	30	2019			
V		CC-12	Mechanics I	NA	6	NA				SNC
·	MATHEMATICS	DSE-1	Linear Programming	4	6	24	2019			BILL
	MATTEMATICS	DSE-2	Probability & Statistics	7	6	42	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020			
VI			Ring Theory and Linear Algebra II	Ring Theory and Linear Algebra II 10 6				9.25	9.25	Q
	MATHEMATICS	EMATICS DSE-3 Project Work 9			6	54	2020	1.25	9.25	
			Mechanics II	9	6	54	2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G CGP		Result :	PNC

Date of Publication of Result : 29.10.2020

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

Course Types :		CGPA Let	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

Of auc I offic 100 ms.				
90% to 100% 10 80% and above but below 90%		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: TANMOY GHOSH

Honours: PHYSICS

Roll No. 170330300098

Semester		Course		Grade	Credit	Grade	Credit		on the	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (GXV)	Retained Year	CCs & DSEs	All Courses	Code
	PHYSICS	CC-1	Mathematical Physics-I	4	6	24	2017			
	11115105	CC-2	Mechanics	5	6	30	2017			
I	MATHEMATICS	GE-1	Differential Calculus	5	6	30	2019	4.50	4.91	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	PHYSICS	CC-3	Electricity and Magnetism	5	6	30	2018			
	1113103	CC-4	Waves and Optics	5	6	30	2018			
II	MATHEMATICS	GE-2	Differential Equations	4	6	24	2018	5.00	5.00	Q
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2018			
	PHYSICS	CC-5	Mathematical Physics-II	7	6	42	2018			
		CC-6	Thermal Physics	5	6	30 2018				
III		CC-7	Digital Systems and Applications	6	6	36	2018	6.00	5.77	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2018	0.00	5.77	×
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	6	2	12	2018			
	PHYSICS CC-9	CC-8	Mathematical Physics-III	7	6	42	2019			
		CC-9	Elements of Modern Physics		6	36	2019			
		CC-10	Analog Systems & Applications	6	6	36	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	6.33	6.46	Q
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	6	2	12	2019			
	PHYSICS	CC-11	Quantum Mechanics and Applications	5	6	30	2019			
V	rn13lC3	CC-12	Solid State Physics	6	6	36	2019			SNC
v	PHYSICS	DSE-1	Advanced Mathematical Physics	5	6	30	2019			SINC
	rn13lC3	DSE-2	Classical Dynamics	NA	6	NA				
	PHYSICS	CC-13	Electromagnetic Theory	8	6	48	2020			
VI	11115105	CC-14	Statistical Mechanics	8	6	48	2020	8.00	8.00	Q
V I	PHYSICS	DSE-3 Nuclear and Particle Physics				42	2020	8.00	0.00	V V
	DSE-4		Astronomy and Astrophysics 9 6 54				2020			
	umulative Grade Point Av umulative Grade Point Av						Letter Gr		Result :	PNC

Date of Publication of Result : 29.10.2020

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

Anindya zohi Pal

Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

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: TRIDIB GHOSH

Honours: MATHEMATICS

Roll No. 170330300099

Semester	Sacking 4	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the sis of	Result
No.	Subject	Code	Course The	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	7	6	42	2017			
	WATTEWATCS	CC-2	Algebra	4	6	24	2017			
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	5	6	30	2017	5.50	5.27	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	5	4	20	2017			
	MATHEMATICS	CC-3	Real Analysis	5	6	30	2019			
	WATHEWATICS	CC-4	Differential Equations and Vector Calculus	5	6	30	2019			
II	CHEMISTRY GE-2		States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018	5.00	5.30	Q
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2018		5.85	
	MATHEMATICS CC-	CC-5	Theory of Real Functions & Introduction to Metric Spaces		6	36	2018			
		CC-6	Group Theory I	5	6	30	2018			
III	CC-		Numerical Methods	6	6	36	2018	5.67	5.85	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2018			
		CC-8	Riemann Integration and Series of Functions	8	6	48	2020			
	MATHEMATICS	CC-9	Multivariate Calculus	8	6	48	2020			
IV		CC-10	Ring Theory and Linear Algebra I	4	6	24	2019	6.67	6.38	Q
	PHYSICS	GE-4	Waves and Optics	5	6	30	2019			
	MATHEMATICS	SEC-2	Graph Theory	8	2	16	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	5	6	30	2019			
V	WATHEWATICS	CC-12	Mechanics I	NA	6	NA				SNC
v	MATHEMATICS	DSE-1	Linear Programming	NA	6	NA				SINC
	MATHEMATICS	DSE-2	Probability & Statistics	6	6	36	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020			
VI	MATHEMATICS	CC-14			6	60	2020	9.25	9.25	
V I	MATHEMATICS	DSE-3	Project Work	9	6	54	2020	9.23	9.23	Q
						54	2020			
· · · · · · · · · · · · · · · · · · ·	umulative Grade Point Av umulative Grade Point Av	<u> </u>					Letter G		Result :	PNC

Date of Publication of Result : 29.10.2020

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

Course Types :		CGPA Let	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	L E (Eail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

Grade i onit i torms.		-		
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: DEBABRATA SAHA

Honours: MATHEMATICS

Roll No. 170330300108

Semester	Subject	ubject Course Course Titl		Grade	Credit Value	Grade Point	Credit Retained		on the sis of	Result
No.	Subject	Code	Course The	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2019			
	MATHEMATICS	CC-2	Algebra	5	6	30	2018			
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017	4.50	5.45	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	MATHEMATICS	CC-3	Real Analysis	6	6	36	2019			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	6	6	36	2018			
II	CHEMISTRY GE-2		States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018	6.00	6.30	Q
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018			
	MATHEMATICS	CC-6	Group Theory I	6	6	36	2018			
III		CC-7	Numerical Methods	6	6	36	2018	5.33	5.85	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2018			
		CC-8	Riemann Integration and Series of Functions	6	6	36	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	5	6	30	2019]		
IV		CC-10	Ring Theory and Linear Algebra I	5	6	30	2019	5.33	5.69	Q
	PHYSICS	GE-4	Waves and Optics	6	6	36	2019			
	MATHEMATICS	SEC-2	Graph Theory	8	2	16	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	4	6	24	2019			
V		CC-12	Mechanics I	NA	6	NA				SNC
	MATHEMATICS	DSE-1	Linear Programming	NA	6	NA				Dive
	MATHEMATICS	DSE-2	Probability & Statistics	7	6	42	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9 10	6	54	2020			
VI		CC-14	Ring Theory and Linear Algebra II		6	60	2020	9.25	9.25	Q
	MATHEMATICS		E-3 Project Work 9		6	54	2020	7.25	1.25	
		DSE-4	Mechanics II	9	6	54	2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G CGP		Result :	PNC

Date of Publication of Result : 29.10.2020

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	-i				
Course Types :		CGPA Let	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

Of auc I offic 100 ms.				
90% to 100% 10 80% and above but below 90%		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: GOUR GHOSH

Honours: MATHEMATICS

Roll No. 170330400005

Semester		Course		Grade	Credit	Grade	Credit		on the	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (GXV)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	6	6	36	2018			
	MATHEMATICS	CC-2	Algebra	6	6	36	2018			
Ι	PHYSICS	GE-1	Mechanics	6	6	36	2017	6.00	6.00	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	MATHEMATICS	CC-3	Real Analysis	7	6	42	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	7	6	42	2018			
II	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2018	7.00	7.20	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2018			
	MATHEMATICS	CC-6 Group Theory I		5	6	30	2018			
III		CC-7	Numerical Methods	5	6	30	2018	5.33	5.46	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018		_	
	CC-8		Riemann Integration and Series of Functions	4	6	24	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	6	6	36	2019			
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	5	6	30	2019	6.00	6.00	Q
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2019			
v	MATHEMATICS	CC-12	Mechanics I	5	6	30	2019	6.75	6.75	
v	MATHEMATICS	DSE-1	Linear Programming	7	6	42	2019	0.75	0.75	Q
	MATHEMATICS	DSE-2	Probability & Statistics	8	6	48	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
VI	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	0
V1	MATHEMATICS	DSE-3				60	2020	10.00	10.00	Q
							2020			
	Cumulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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Anindya zohi Pal

Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

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: MIR RAHAMATULLA

Honours: MATHEMATICS

Roll No. 170330400008

Semester		Course		Grade	Credit	Grade	Credit		on the	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	7	6	42	2017			
	MATHEMATICS	CC-2	Algebra	5	6	30	2017	1		
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2017	6.00	6.00	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	MATHEMATICS	CC-3	Real Analysis	8	6	48	2018			
	WATHEWATICS	CC-4	Differential Equations and Vector Calculus	7	6	42	2018			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018	7.50	7.20	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	7	6	42	2018			
	MATHEMATICS	CC-6	Group Theory I	7	6	42	2018		6.00	
III		CC-7	Numerical Methods	7	6	42	2018	7.00	6.92	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2018			
		CC-8	Riemann Integration and Series of Functions	6	6	36	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	7	6	42	2019			
IV		CC-10	Ring Theory and Linear Algebra I	8	6	48	2019	7.00	6.92	Q
	PHYSICS	GE-4	Waves and Optics	6	6	36	2019			
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019		 6.00 7.20 6.92 6.92 6.50 10.00 	
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2019			
V	MATHEMATICS	CC-12	Mechanics I	4	6	24	2019	6.50	6.50	
v	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2019	0.50	0.50	Q
	MATHEMATICS	DSE-2	Probability & Statistics	9	6	54	2019]		
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020		1 1	
VI	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	
V I	MATHEMATICS	DSE-3	Project Work	10	6	60	2020	10.00	10.00	Q
	IVIA I NEIVIA I ICS	DSE-4	Differential Geometry	10	6	60	2020			
· · · · · · · · · · · · · · · · · · ·	umulative Grade Point Av umulative Grade Point Av	0 /					Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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Aningra Zoh Pal Controller of Examinations

Course Types :		CGPA Le	tter 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
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Grade Point Norms:

Of auc I offic 100 ms.				
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: SOURAV MONDAL

Honours: MATHEMATICS

Roll No. 170330400015

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the sis of	Result
No.	Subject	Code	Course 1 me	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2017			
	MATTEMATICS	CC-2	Algebra	6	6	36	2017			
Ι	PHYSICS	GE-1	Mechanics	7	6	42	2017	5.00	5.91	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS	CC-3	Real Analysis	9	6	54	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	8	6	48	2018			
II	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2018	8.50	8.70	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	8	6	48	2018			
	MATHEMATICS	CC-6	Group Theory I	8	6	48	2018	1		
III		CC-7	Numerical Methods	7	6	42	2018	7.67	7.38	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018		All Courses 5.91 8.70	
	MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2018]		
		CC-8	Riemann Integration and Series of Functions	10	6	60	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	7	6	42	2019			
		CC-10	Ring Theory and Linear Algebra I	10	6	60	2019]		
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2019	9.00	8.85	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019]	5.91 8.70 7.38 8.85 8.85 8.50 10.00	
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2019			
v	MATHEMATICS	CC-12	Mechanics I	8	6	48	2019	8.50	9 50	
v	MATHEMATICS	DSE-1	Linear Programming	8	6	48	2019	8.50	s Courses 0 5.91 0 8.70 0 8.70 0 8.85 0 8.85 0 8.50 0 10.00	Q
	MATHEMATICS	DSE-2	Probability & Statistics	9	6	54	2019]		
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
VI	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	Q
V I	MATHEMATICS	DSE-3	Project Work	10	6	60	2020	10.00	00 10.00	v ا
	IVIA I DEIVIA LIUS	DSE-4	Differential Geometry	10	6	60	2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	: Q

Date of Publication of Result : 29.10.2020

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Anindya zohi Pal

Controller of Examinations

Course Types :		CGPA Let	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)		-	NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

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:

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



Name: ARINDAM MAHATA

Honours: ZOOLOGY

Roll No. 170330700010

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the sis of	Result
No.	Subject	Code	Course The	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	ZOOLOGY	CC-1	Non-chordates I	6	6	36	2017			
	2002001	CC-2	Ecology	6	6	36	2017			
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2017	6.00	6.73	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	7001002	CC-3	Non-chordates II	6	6	36	2018			
	ZOOLOGY	CC-4	Cell Biology	4	6	24	2018			Q
II	II BOTANY GE-:	GE-2	Plant Ecology and Taxonomy	7	6	42	2018	5.00	6.00	
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Chordates	6	6	36	2018			
	ZOOLOGY	CC-6	Animal Physiology: Controlling and Coordinating Systems	6	6	36	2018			
III		CC-7	Fundamentals of Biochemistry	8	6	48	2018	6.67	6.62	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	48 2018 6.67 6.62 42 2018				
	ZOOLOGY	SEC-1	Apiculture	5	2	10	2018			
		CC-8	Comparative Anatomy of Vertebrates	5	6	30	2019			
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	5	6	30	2019			Q
IV		CC-10	Immunology	4	6	24	2019	4.67	5.38	
	BOTANY	GE-4	Plant Physiology and Metabolism	7	6	42	2019			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	7	2	14	2019		6.00 6.62 5.38 5.25 6.25	
	7001002	CC-11	Molecular Biology	5	6	30	2019			
v	ZOOLOGY	CC-12	Genetics	5	6	30	2019	5.25	5.25	
v	ZOOLOGY	DSE-1	Animal Biotechnology	6	6	36	2019	5.25	5.25	Q
	2001001	DSE-2	Parasitology	5	6	30	2019			
	ZOOLOGY	CC-13	Developmental Biology	5	6	30	2020			
VI		CC-14	Evolutionary Biology	6	6	36	2020	6.25	6.25	Q
V I	ZOOLOGY	OCV DSE-3 Animal Behaviour 7 6			42	2020	0.23	6.25		
		DSE-4	Endocrinology	7	6	42	2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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

Anindya Zohi Pal

Controller of Examinations

Course Types :		CGPA Let	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

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: BHASKAR SAHA

Honours: ZOOLOGY

Roll No. 170330700017

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the sis of	Result
No.	Subject	Code			(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	ZOOLOGY	CC-1	Non-chordates I	5	6	30	2017			
	2002001	CC-2	Ecology	6	6	36	2017			
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2017	5.50	5.91	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	ZOOLOGY	CC-3	Non-chordates II	5	6	30	2018			
	2001001	CC-4	Cell Biology	4	6	24	2018			Q
II	BOTANY	GE-2	Plant Ecology and Taxonomy	8	6	48	2018	4.50		
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Chordates	6	6	36	2018			
	ZOOLOGY	CC-6	Animal Physiology: Controlling and Coordinating Systems	6	6	36	2018			
III		CC-7	Fundamentals of Biochemistry	8	6	48	2018	6.67	6.31	Q
	CC-7 Fundamentals of B CHEMISTRY GE-3 Chemical Energetic Chemistry	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018				
	ZOOLOGY	SEC-1	Apiculture	4	2	8	2018			
		CC-8	Comparative Anatomy of Vertebrates	6	6	36	2019			
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	6	6	36	2019			Q
IV		CC-10	Immunology	4	6	24	2019	5.33	5.85	
	BOTANY	GE-4	Plant Physiology and Metabolism	7	6	42	2019			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	7	2	14	2019		6.00 6.31 5.85 5.25 5.75	
	ZOOLOGY	CC-11	Molecular Biology	5	6	30	2019			
v	2001001	CC-12	Genetics	5	6	30	2019	5.25	5 25	Q
v	ZOOLOGY	DSE-1	Animal Biotechnology	6	6	36	2019	5.25	5.25	V V
	2001001	DSE-2	Parasitology	5	6	30	2019			
	ZOOLOGY	CC-13	Developmental Biology	6	6	36	2020			
VI	2001001	CC-14	Evolutionary Biology	6	6	36	2020	5.75	5 75	Q
V I	ZOOLOGY	DSE-3	E-3 Animal Behaviour 6			36	2020	5.75	5.15	
		DSE-4	Endocrinology	5	6	30	2020			
· · · · · ·	umulative Grade Point Av umulative Grade Point Av						Letter Gr CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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

Anindya Zohi Pal

Controller of Examinations

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

Grade Point Norms:

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:

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



Name: DEBIDAS PATRA

Honours: ZOOLOGY

Roll No. 170330700023

Semester		Course		Grade	Credit	Grade	Credit		on the	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	ZOOLOGY	CC-1	Non-chordates I	5	6	30	2017			
	2001001	CC-2	Ecology	7	6	42	2017			
Ι	I CHEMISTRY		Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	Bases, Redox Reactions, General Organic 7 6		42	2017	6.00	6.27	Q
	ENVIRONMENTAL STUDIES	AECC-1	1 Fundamentals of Environmental Studies 6 4 24 2017							
	ZOOLOGY	CC-3	Non-chordates II	6	6	36	2018			
	2001001	CC-4	Cell Biology	4	6	24	2018			
II	BOTANY	GE-2	Plant Ecology and Taxonomy	7	6	42	2018	5.00	6.10	Q
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
	ZOOLOGY	CC-5	Chordates	6	6	36	2018			
		CC-6	Animal Physiology: Controlling and Coordinating Systems	6	6	36	2018			
III		CC-7	Fundamentals of Biochemistry	7	6	42	2018	6.33	6.38	Q
	CHEMISTRY GE-		Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	42 2018			
	ZOOLOGY	SEC-1	Apiculture	5	2	10	2018			
		CC-8	Comparative Anatomy of Vertebrates	6	6	36	2019			
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	6	6	36	2019			
IV		CC-10	Immunology	5	6	30	2019	5.67	6.08	Q
	BOTANY	GE-4	Plant Physiology and Metabolism	7	6	42	2019			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	7	2	14	2019			
	ZOOLOGY	CC-11	Molecular Biology	6	6	36	2019			
v	2001001	CC-12	Genetics	5	6	30	2019	5.50	5.50	Q
v	ZOOLOGY	DSE-1	Animal Biotechnology	6	6	36	2019	5.50	5.50	V V
	2001001	DSE-2	Parasitology	5	6	30	2019			
	ZOOLOGY	CC-13	Developmental Biology	6	6	36	2020			
VI		CC-14	Evolutionary Biology	6	6	36	2020	6.25	6.25	Q
VI	ZOOLOGY	DSE-3 Animal Behaviour 7 6 42			2020	0.23	6.25			
	DSE-4 Endocrinology 6				6	36	2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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

Anindya zyohi Pal

Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

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: KARUNAMOY DAS

Honours: ZOOLOGY

Roll No. 170330700031

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the sis of	Result
No.	Subject	Code	Course The	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	ZOOLOGY	CC-1	Non-chordates I	5	6	30	2017			
	2001001	CC-2	Ecology	7	6	42	2017			
Ι	CHEMISTRY	Atomic Structure, Chemical Periodicity, Acids GE-1 And Bases, Redox Reactions, General Organic 7 6 Chemistry & Aliphatic Hydrocarbons		6	42	2017	6.00	6.00 6.27	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies 6 4 24 2017							
	7001002	CC-3	Non-chordates II	4	6	24	2018			
	ZOOLOGY	CC-4	ell Biology 4 6 24 2018							
II	BOTANY	GE-2	Plant Ecology and Taxonomy	7	6	42	2018	4.00	5.40	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
	ZOOLOGY	CC-5	Chordates	6	6	36	2018			
		CC-6	Animal Physiology: Controlling and Coordinating Systems	6	6	36	2018			
III		CC-7	Fundamentals of Biochemistry	7	6	42	2018	6.33	6.15	Q
	CHEMISTRY GE		Chemical Energetic, Equilibria, Organic Chemistry	6 6 36 2018						
	ZOOLOGY	SEC-1	Apiculture	5	2	10	2018			
		CC-8	Comparative Anatomy of Vertebrates	5	6	30	2019			
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	5	6	30	2019			
IV		CC-10	Immunology	4	6	24	2019	4.67	5.08	Q
	BOTANY	GE-4	Plant Physiology and Metabolism	6	6	36	2019			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	6	2	12	2019			
	7001002	CC-11	Molecular Biology	4	6	24	2019			
v	ZOOLOGY	CC-12	Genetics	5	6	30	2019	5.50	5.50	
	ZOOLOGY	DSE-1	Animal Biotechnology	7	6	42	2019	5.50	5.50	Q
	ZUULUGY	DSE-2	Parasitology	6	6	36	2019			
	ZOOLOGY	CC-13	Developmental Biology	4	6	24	2020			
VI		CC-14	Evolutionary Biology	5	6	30	2020	5.00	5.00	
	ZOOLOGY	DSE-3	Animal Behaviour	6	6	36	2020	5.00	5.00	Q
		DSE-4	Endocrinology	5	6	30	2020	2020		
· · ·	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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

Anindya Zyohi Pal

Controller of Examinations

Course Types :		CGPA Let	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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)		-	NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

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:

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



Name: SHREYA ROY

Honours: ZOOLOGY

Roll No. 170330700065

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the sis of	Result
No.	Subject	Code	Course The	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	ZOOLOGY	CC-1	Non-chordates I	7	6	42	2017			
	2002001	CC-2	ology 7 6 42 2017							
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017	7.00	7.00	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	ZOOLOGY	CC-3	Non-chordates II	7	6	42	2018			
	ZUULUGY	CC-4	Cell Biology	6	6	36	2018		7.20	
II	BOTANY	GE-2	Plant Ecology and Taxonomy	8	6	48	2018	6.50		Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
	ZOOLOGY	CC-5	Chordates	7	6	42	2018			
		CC-6	Animal Physiology: Controlling and Coordinating Systems	6	6	36	2018			
III		CC-7	Fundamentals of Biochemistry	8	6	48	2018	7.00	7.00	Q
	CHEMISTRY		Chemical Energetic, Equilibria, Organic Chemistry							
	ZOOLOGY	SEC-1	Apiculture	7	2	14	2018			
		CC-8	Comparative Anatomy of Vertebrates	6	6	36	2019			
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	6	6	36	2019			
IV		CC-10	Immunology	5	6	30	2019	5.67	6.38	Q
	BOTANY	GE-4	Plant Physiology and Metabolism	8	6	48	2019			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	8	2	16	2019			
	ZOOLOGY	CC-11	Molecular Biology	7	6	42	2019			
v	2001001	CC-12	Genetics	7	6	42	2019	7.00	7.00	Q
v	ZOOLOGY	DSE-1	Animal Biotechnology	7	6	42	2019	7.00	7.00	V V
	2001001	DSE-2	Parasitology	7	6	42	2019			
	ZOOLOGY	CC-13	Developmental Biology	7	6	42	2020			
VI			Evolutionary Biology	8	6	48	2020	7.25	7.25	Q
V I	ZOOLOGY	DSE-3	Animal Behaviour	7	6	42	2020	1.25	1.23	Y Y
	DSE-4 Endocrinology 7 6 42					42	2020			
· · · · ·	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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Anindya Zohi Pal

Controller of Examinations

Course Types :		CGPA Let	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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)		-	NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

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:

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



Name: SUJOY MONDAL

Honours: ZOOLOGY

Roll No. 170330700083

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the sis of	Result
No.	Subject	Code	Course The	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	ZOOLOGY	CC-1	Non-chordates I	5	6	30	2017			
	2001001	CC-2	Ecology	7	6	42	2017			
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017	6.00	6.27	Q
	ENVIRONMENTAL STUDIES	AECC-1	-1 Fundamentals of Environmental Studies 6 4 24 2017							
	7001002	CC-3	Non-chordates II	7	6	42	2018			
	ZOOLOGY	CC-4	ll Biology 5 6 30 2018							
II	BOTANY	GE-2	Plant Ecology and Taxonomy	7	6	42	2018	6.00	6.60	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
	ZOOLOGY	CC-5	Chordates	7	6	42	2018			
		CC-6	Animal Physiology: Controlling and Coordinating Systems	6	6	36	2018			
III		CC-7	Fundamentals of Biochemistry	8	6	48	2018	7.00	6.31	Q
	CHEMISTRY GE-		Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2018			
	ZOOLOGY	SEC-1	Apiculture	4	2	8	2018			
		CC-8	Comparative Anatomy of Vertebrates	6	6	36	2019			
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	6	6	36	2019			
IV		CC-10	Immunology	5	6	30	2019	5.67	6.15	Q
	BOTANY	GE-4	Plant Physiology and Metabolism	7	6	42	2019			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	8	2	16	2019			
	7001002	CC-11	Molecular Biology	6	6	36	2019			
v	ZOOLOGY	CC-12	Genetics	6	6	36	2019	6.25	6.25	
v	ZOOLOGY	DSE-1	Animal Biotechnology	6	6	36	2019	0.25	0.25	Q
	ZUULUGY	DSE-2	Parasitology	7	6	42	2019			
	ZOOLOGY	CC-13	Developmental Biology	6	6	36	2020			
VI		CC-14	Evolutionary Biology	7	6	42	2020	6.75	6.75	
	ZOOLOGY	DSE-3	Animal Behaviour	7	6	42	2020	0.75	0.75	Q
		DSE-4	Endocrinology	7	6	42 2020				
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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

Anindya zyohi Pal

Controller of Examinations

Course Types :		CGPA Let	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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)		-	NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

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:

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





Name: BIKROM MONDAL

Honours: ZOOLOGY

Roll No. 170330800020

Semester		Course		Grade	Credit	Grade	Credit	1	on the sis of	Result
No.	Subject	Code	Course Title		Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	ZOOLOGY	CC-1	Non-chordates I	4	6	24	2019			
	2001001	CC-2	Ecology	4	6	24	2017			
Ι	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	5	6	30	2017	4.00	4.64	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	ZOOLOGY	CC-3	Non-chordates II	5	6	30	2018			
	2001001	CC-4	Biology 5		6	30	2018			
Π	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018	5.00	5.20	Q
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2018			
	ZOOLOGY	CC-5	Chordates	5	6	30	2018			
		CC-6	Animal Physiology: Controlling and Coordinating Systems	5	6	30	2018	4.67		
III		CC-7	undamentals of Biochemistry 4 6 24 2019						5.08	Q
	BOTANY	GE-3	Plant Anatomy and Embryology	5	6	30	2018			
	ZOOLOGY	SEC-1	Apiculture	9	2	18	2018			
	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	6	6	36	2019			
		CC-9	Animal Physiology: Life Sustaining Systems		6	24	2019]		
		CC-10	Immunology	4	6	24	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	4.67	5.31	Q
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	6	2	12	2019			
	ZOOLOGY	CC-11	Molecular Biology	7	6	42	2019			
V	2001001	CC-12	Genetics	7	6	42	2019	7.25	7.25	Q
v	ZOOLOGY	DSE-1	Animal Biotechnology	8	6	48	2019	1.23	1.23	L A
	2001001	DSE-2	Parasitology	7	6	42	2019			
	ZOOLOGY	CC-13	Developmental Biology	8	6	48	2020			
VI	2001001	CC-14	Evolutionary Biology	8	6	48	2020	8.50	8 50	
	ZOOLOGY	DSE-3	Animal Behaviour	10	6	60	2020	0.30	8.50	Q
	DSE-4	Endocrinology	48	2020						
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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

Anindya zyohi Pal

Controller of Examinations

Course Types :		CGPA Let	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.
Grade Point Norms:					

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

Percentage Conversion Formula:

= (SGPA or CGPA $\times 10$) - 5.0





Name: BISWARANJAN BHANDARI

Honours: MATHEMATICS

Roll No. 170330800022

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the sis of	Result	
No.	Subject	Code			(V)	(GXV)	Year	CCs & DSEs	All Courses	Code	
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	6	6	36	2017				
	MATHEMATICS	CC-2	Algebra	6	6	36	2017				
Ι	PHYSICS	GE-1	Mechanics	5	6	30	2017	6.00	5.73	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017				
	MATHEMATICS	CC-3	Real Analysis		6	36	2018				
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	8	6	48	2018				
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018	7.00	7.20	Q	
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018				
		CC-5	Theory of Real Functions & Introduction to Metric Spaces		6	30	2018				
	MATHEMATICS	CC-6	Group Theory I	6	6	36	2018	5.67	6.00		
III		CC-7	Numerical Methods	6	6	36	2018	5.67	6.00	Q	
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018				
	MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2018				
	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	5	6	30	2019				
		CC-9	Multivariate Calculus	5	6	30	2019]	6.23		
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2019				
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	5.67		Q	
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019				
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2019				
V	MATHEMATICS	CC-12	Mechanics I	5	6	30	2019	5.50	5.50		
v		DSE-1	Linear Programming	6	6	36	2019	5.50	5.50	Q	
	MATHEMATICS	DSE-2	Probability & Statistics	5	6	30	2019				
		CC-13	Metric Spaces and Complex Analysis	10	6	60	2020				
3.71	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00		
VI	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020	10.00	10.00	Q	
	MATHEMATICS DSE-4		Mechanics II 10 6 60								
\[umulative Grade Point Av umulative Grade Point Av	0 /					Letter G CGPA		Result	t : Q	

Date of Publication of Result : 29.10.2020

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

Anindya zyohi Pal	
Controllor of Examinations	

Controller of Examinations

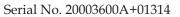
Course Types :		CGPA Le	tter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC - Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8			F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

Of auc I offic 100 ms.				
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: JAYANTI DAS

Honours: ZOOLOGY

Roll No. 170330800040

Semester		Course		Grade	Credit	Grade	Credit		on the sis of	Result
No.	Subject	Code	Course Title		Value (V)	Point (GXV)	Retained Year	CCs & DSEs	All Courses	Code
	ZOOLOGY	CC-1	Non-chordates I	6	6	36	2017			
	2001001	CC-2	Ecology	7	6	42	2017			
Ι	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	5	6	30	2017	6.50	6.00	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	ZOOLOGY	CC-3	Non-chordates II	8	6	48	2018			
	2001001	CC-4	Cell Biology	8	6	48	2018			
Π	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018	8.00	7.50	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
	ZOOLOGY	CC-5	Chordates	8	6	48	2018			
		CC-6	Animal Physiology: Controlling and Coordinating Systems	8	6	48	2018		8.31	
III		CC-7	Fundamentals of Biochemistry	· · · · · · · · · · · · · · · · · · ·						Q
	BOTANY	GE-3	Plant Anatomy and Embryology	9	6	54	2018]		
	ZOOLOGY	SEC-1	Apiculture	9	2	18	2018			
	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	8	6	48	2019			
		CC-9	Animal Physiology: Life Sustaining Systems		6	48	2019			
		CC-10	Immunology	8	6	48	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	8.00	7.85	Q
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	9	2	18	2019			
	ZOOLOGY	CC-11	Molecular Biology	9	6	54	2019			
V	2001001	CC-12	Genetics	8	6	48	2019	8.50	8.50	Q
	ZOOLOGY	DSE-1	Animal Biotechnology	9	6	54	2019	0.50	8.50	V V
	2001001	DSE-2	Parasitology	8	6	48	2019			
	ZOOLOGY	CC-13	Developmental Biology	10	6	60	2020			
VI	2001001	CC-14	Evolutionary Biology	9	6	54	2020	9.75	0.75	
	ZOOLOGY	DSE-3	Animal Behaviour	10	6	60	2020	9.13	9.75	Q
	DSE	DSE-4	Endocrinology 10 6 60							
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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Anindya zyohi Pal

Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.
Grade Point Norms:					

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

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

 $=(SGPA \text{ or } CGPA \times 10) - 5.0$



Name: SUBHASIS MAL

Honours: MATHEMATICS

Roll No. 170330800096

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the sis of	Result
No.	Subject	Code	e		(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017			
	MATHEMATICS	CC-2	Algebra	5	6	30	2017			
Ι	PHYSICS	GE-1	Mechanics	6	6	36	2017	5.00	5.45	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	MATHEMATICS	CC-3	Real Analysis		6	30	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	4	6	24	2018			
Π	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018	4.50	5.10	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018			
	MATHEMATICS	CC-6	Group Theory I	7	6	42	2018	6.00	6.00	
III		CC-7	Numerical Methods	7	6	42	2018	6.00	6.08	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2018			
	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	4	6	24	2019			
		CC-9 Multivariate Calculus		8	6	48	2020]		
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2020	6.33	6.77	Q
	MATHEMATICS	SEC-2	Graph Theory	7	2	14	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	5	6	30	2019			
V	MATHEMATICS	CC-12	Mechanics I	5	6	30	2019			SNC
v		DSE-1	Linear Programming	4	6	24	2019			SINC
	MATHEMATICS	DSE-2	Probability & Statistics	NA	6	NA				
		CC-13	Metric Spaces and Complex Analysis	9	6	54	2020			
N/I	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	0.50	0.50	
VI	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020	9.50	9.50	Q
	MATHEMATICS	DSE-4	Mechanics II	9	6	54	2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G CGP		Result :	PNC

Date of Publication of Result : 29.10.2020

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Aningra Zoh Pal Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1 C2 and C4 as applicable.

Grade Point Norms:

Oraue I onit 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: SUDIPTA MONDAL

Honours: MATHEMATICS

Roll No. 170330800097

Semester		Course	Course Title	Grade	Credit	Grade	Credit		on the sis of	Result	
No.	Subject	Code	Course Thie		Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code	
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2017				
	MATHEMATICS	CC-2	Algebra	5	6	30	2017				
Ι	PHYSICS	GE-1	Mechanics	5	6	30	2017	4.50	4.91	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017				
	MATHEMATICS	CC-3	Real Analysis	7	6	42	2018				
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	4	6	24	2018				
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018	5.50	6.00	Q	
	Communicative English/MIL	AECC-2	-	9	2	18	2018				
	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018				
	MATHEMATICS	CC-6	Group Theory I	7	6	42	2018	5.67	6.00		
III		CC-7	Numerical Methods	6	6	36	2018	5.67	6.00	Q	
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018				
	MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2018				
	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	4	6	24	2019				
		CC-9	Multivariate Calculus	5	6	30	2019				
		CC-10	Ring Theory and Linear Algebra I	9	6	54	2019				
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019	6.00	6.23	Q	
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019				
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2019				
v	MATHEMATICS	CC-12	Mechanics I	4	6	24	2019	4.75	4.75		
v	MATHEMATICS	DSE-1	Linear Programming	4	6	24	2019	4.75	4.75	Q	
	MATHEMATICS	DSE-2	Probability & Statistics	4	6	24	2019				
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	6	6	36	2020				
VI		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	0.00	0.00		
V I	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020	9.00	9.00	Q	
		DSE-4	Image: Mechanics II 10 6 60				2020				
	Cumulative Grade Point Av						Letter G CGPA		Result	t:Q	

Date of Publication of Result : 29.10.2020

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Aningra Zoh Pal Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1 C2 and C4 as applicable.

Grade Point Norms:

Ji auc i onit ronnis.			
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: PINKI DUTTA

Honours: PHYSICS

Roll No. 170330900029

Semester		Course		Grade	Credit	Grade	Credit		on the	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	PHYSICS	CC-1	Mathematical Physics-I	5	6	30	2017			
	11115105	CC-2	Mechanics	5	6	30	2017			
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2017	5.00	6.00	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	PHYSICS	CC-3	Electricity and Magnetism	5	6	30	2018			
	PHI SICS	CC-4	Waves and Optics	4	6	24	2018			
II	CHEMISTRY GE-2		States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018	4.50	5.10	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Mathematical Physics-II	5	6	30	2018			
	PHYSICS	CC-6	Thermal Physics	4	6	24	2018			
III		CC-7	Digital Systems and Applications	6	6	36	2018	5.00	4.85	Q
	MATHEMATICS	GE-3	Real Analysis	4	6	24	2018			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	6	2	12	2018			
		CC-8	Mathematical Physics-III	5	6	30	2019			
	PHYSICS	CC-9	Elements of Modern Physics	6	6	36	2019			
IV		CC-10	Analog Systems & Applications	5	6	30	2019	5.33	5.77	Q
	MATHEMATICS	GE-4	Algebra	7	6	42	2020			
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	6	2	12	2019			
	PHYSICS	CC-11	Quantum Mechanics and Applications	5	6	30	2019			
V	F II I SIC 5	CC-12	Solid State Physics	5	6	30	2019			SNC
v	PHYSICS	DSE-1	Advanced Mathematical Physics	5	6	30	2019			SINC
	F II I SIC 5	DSE-2	Classical Dynamics	NA	6	NA				
	PHYSICS	CC-13	Electromagnetic Theory	8	6	48	2020			
VI	F II I SIC 5	CC-14	Statistical Mechanics	9	6	54	2020	8.25	8.25	Q
V I	PHYSICS	DSE-3	Nuclear and Particle Physics	8	6	48	2020	0.23	0.23	
	DSE-4 Astronomy an		Astronomy and Astrophysics	8	6	48	2020			
	umulative Grade Point Av umulative Grade Point Av						Letter Gr		Result :	PNC

Date of Publication of Result : 29.10.2020

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Anindya zohi Pal

Controller of Examinations

Course Types :		CGPA Le	tter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	6, 6,		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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Relow 4 E (Eail) th		the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

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: SAMIUL ALIM

Honours: MATHEMATICS

Roll No. 170330900043

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the sis of	Result
No.	Subject	Code	Course The	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2018			
	WATHEWATICS	CC-2	Algebra	4	6	24	2017			
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017	4.00	5.36	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS		Real Analysis	5	6	30	2018			
	WATHEWATICS	CC-4	Differential Equations and Vector Calculus	5	6	30	2018			
II	CHEMISTRY GE-2		States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018	5.00	5.50	Q
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2019			
	MATHEMATICS	CC-6	Group Theory I	4	6	24	2019		5.01	
III	CC-7		Numerical Methods	6	6	36	2018	5.33	5.31	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	5	6	30	2018			
	MATHEMATICS	SEC-1	Logic and Sets	6	2	12	2018			
		CC-8	Riemann Integration and Series of Functions	5	6	30	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	4	6	24	2019			
IV		CC-10	Ring Theory and Linear Algebra I	4	6	24	2019	4.33	4.85	Q
	PHYSICS	GE-4	Waves and Optics	5	6	30	2019			
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	5	6	30	2019			
V	MATHEMATICS	CC-12	Mechanics I	4	6	24	2019	4.50	4.50	Q
v	MATHEMATICS		Linear Programming	4	6	24	2019	4.50	4.50	V V
	WIATHEWIATICS	DSE-2	Probability & Statistics	5	6	30	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	8	6	48	2020			
VI		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	9.25	9.25	Q
V I	MATHEMATICS	DSE-3	Group Theory II	9	6	54	2020	7.23	9.23	
		DSE-4	Mechanics II	10	6	60	2020			
<u>`````````````````````````````````````</u>	umulative Grade Point Av umulative Grade Point Av	0 /					Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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

Aningra Zoh Pal Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1 C2 and C4 as applicable.

Grade Point Norms:

Oraue I onit 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: SHANKHACHUR GHOSH

Honours: MATHEMATICS

Roll No. 170330900046

Semester		Course		Grade	Credit	Grade	Credit		on the	Result	
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code	
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2018				
	CC-2		Algebra	4	6	24	2017				
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2017	4.00	5.09	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017				
	MATHEMATICS	CC-3	Real Analysis	5	6	30	2018				
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	5	6	30	2018				
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018	5.00	5.70	Q	
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018				
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018				
	MATHEMATICS	CC-6	Group Theory I	4	6	24	2019	1.07	4.02		
III	CC-7		Numerical Methods	6	6	36	2018	4.67	4.92	Q	
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	5	6	30	2018				
	MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2018				
	CC-	CC-8	Riemann Integration and Series of Functions	5	6	30	2019				
	MATHEMATICS	CC-9	Multivariate Calculus	4	6	24	2019				
IV		CC-10	Ring Theory and Linear Algebra I	4	6	24	2019	4.33	4.85	Q	
	PHYSICS	GE-4	Waves and Optics	5	6	30	2019				
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019				
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	4	6	24	2019				
V	MATHEMATICS	CC-12	Mechanics I	6	6	36	2019	5.00	5.00	Q	
	MATHEMATICS	DSE-1	Linear Programming	4	6	24	2019	5.00	5.00	V V	
	MATHEMATICS	DSE-2	Probability & Statistics	6	6	36	2019				
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	8	6	48	2020				
VI		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	9.25	9.25		
	MATHEMATICS	DSE-3	Group Theory II	9	6	54	2020	9.23	9.23	Q	
	IVIAT DEIVIATIUS	DSE-4	Mechanics II	10	6	60	2020				
``````````````````````````````````````	umulative Grade Point Av umulative Grade Point Av	0 /					Letter G CGPA		Result	t : Q	

Date of Publication of Result : 29.10.2020

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

Aningra Zoh Pal Controller of Examinations

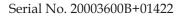
Course Types :		CGPA Le	tter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1 C2 and C4 as applicable.

#### **Grade Point Norms:**

Of auc I offic 100 ms.				
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: ABDUL RUSSEL SARKAR

#### **Honours: MATHEMATICS**

Roll No. 170331000001

Semester	~	Course		Grade	Credit	Grade	Credit		on the	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	7	6	42	2017			
	MATHEMATICS	CC-2	Algebra	4	6	24	2017			
Ι	PHYSICS	GE-1	Mechanics	5	6	30	2017	5.50	5.64	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS	CC-3	Real Analysis	5	6	30	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	4	6	24	2018			
II	PHYSICS	GE-2	Electricity and Magnetism	5	6	30	2018	4.50	4.90	Q
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018			
	MATHEMATICS	CC-6	Group Theory I		6	24	2018			
III		CC-7	Numerical Methods	6	6	36	2018	4.67	5.23	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	5	2	10	2018			
	CC-8		Riemann Integration and Series of Functions	4	6	24	2019			
	MATHEMATICS	CC-9	Multivariate Calculus Ring Theory and Linear Algebra I		6	42	2020			
		CC-10			6	24	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019	5.00	5.62	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2019			
V	MATHEMATICS	CC-12	Mechanics I	5	6	30	2019	5.75	5.75	
	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2019	5.75	5.75	Q
	MATHEMATICS	DSE-2	Probability & Statistics	5	6	30	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
VI		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	Q
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020	10.00	0 10.00	
			·				2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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

Anindya zohi Pal

Controller of Examinations

Course Types :		CGPA Let	tter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade CGPA Letter Grade C		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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### Grade Point Norms:

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:

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



Name: ADITYA DAS

#### **Honours: MATHEMATICS**

Roll No. 170331000005

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the sis of	Result
No.	Subject	Code	Course The	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017			
	WATTEWATES	CC-2	Algebra	5	6	30	2017			
Ι	PHYSICS	GE-1	Mechanics	5	6	30	2017	5.00	5.18	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	MATHEMATICS	CC-3	Real Analysis	8	6	48	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	6	6	36	2018		6.80	
II	PHYSICS	GE-2	Electricity and Magnetism	6	6	36	2018	7.00		Q
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018			
	MATHEMATICS	CC-6	Group Theory I	5	6	30	2018			
III		CC-7	Numerical Methods	7	6	42	2018	5.67	5.92	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018		5.18	
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
		CC-8	Riemann Integration and Series of Functions	5	6	30	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	6	6	36	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019	5.00	Courses           5.18           6.80           5.92           5.62           5.75	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2019			
v	MATHEMATICS	CC-12	Mechanics I	4	6	24	2019	5.75	5 75	
v	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2019	5.75	5.75	Q
	MATHEMATICS	DSE-2	Probability & Statistics	4	6	24	2019		6.80 5.92 5.62 5.75 10.00	
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
VI	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	
V I	MATHEMATICS	DSE-3	Project Work	10	6	60	2020	10.00	10.00	Q
	MATHEMATICS	DSE-4	Mechanics II	10	6	60	2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	::Q

Date of Publication of Result : 29.10.2020

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

# Anindya zohi Pal

Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

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:

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



Name: AGAMONI SAHA

#### **Honours: MATHEMATICS**

Roll No. 170331000006

Semester		Course		Grade	Credit	Grade	Credit		on the	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs		Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017			
	MATHEMATICS		Algebra	6	6	36	2017			
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017	5.50	6.18	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS	CC-3	Real Analysis	6	6	36	2018			
	WATHEWATICS	CC-4	Differential Equations and Vector Calculus	5	6	30	2018			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018	5.50	6.00	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018			
	MATHEMATICS	CC-6	Group Theory I	4	6	24	2018	-		
III		CC-7	Numerical Methods	7	6	42	2018	5.00	5.38	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2018			
		CC-8	Riemann Integration and Series of Functions	5	6	30	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	4	6	24	2019			
IV		CC-10	Ring Theory and Linear Algebra I	5	6	30	2019	4.67	4.92	Q
	PHYSICS	GE-4	Waves and Optics	4	6	24	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019			
V	WATTEWATCS	CC-12	Mechanics I	NA	6	NA				SNC
v	MATHEMATICS	DSE-1	Linear Programming	4	6	24	2019			SINC
	WIATHEWIATICS	DSE-2	Probability & Statistics	NA	6	NA				
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020			
VI		CC-14	Ring Theory and Linear Algebra II	9	6	54	2020	9.50	9.50	Q
V I	MATHEMATICS	DSE-3	Project Work	10	6	60	2020	9.50	9.50	
			Mechanics II	10	6	60	2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G CGP		Result :	PNC

Date of Publication of Result : 29.10.2020

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

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Course Types :		CGPA Le	tter 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			
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All			
SEC – Skill Elillancement Course	7 to below 8	A (very Good)	Delow 4	r (rall)	semesters not cleared]			
AECC – Ability Enhancement	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1,			
Compulsory Course	0 to below /	D⊤ (0000)			C2 and C4 as applicable.			

#### Grade Point Norms:

Oraue rome 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

Aningra Zoh Pal Controller of Examinations



Name: ANJAN DAS

#### **Honours: MATHEMATICS**

Roll No. 170331000013

Semester	~	Course		Grade	Credit	Grade	Credit			Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	A on the sis of           All           Courses           6.45           6.00           5.08           5.62           6.00	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	6	6	36	2017			
	MATHEMATICS	CC-2	Algebra	7	6	42	2017			
Ι	PHYSICS	GE-1	Mechanics	6	6	36	2017	6.50	6.45	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS	CC-3	Real Analysis	6	6	36	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	5	6	30 2018				
II	PHYSICS	GE-2	Electricity and Magnetism	6	6	36	2018	5.50	6.00	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018			
	MATHEMATICS	CC-6	Group Theory I	4	6	24	2018			
III		CC-7	Numerical Methods	5	6	30	2018	4.67	5.08	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2018			
	MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2018			
		CC-8	Riemann Integration and Series of Functions	5	6	30	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	4.67	6.00 5.08 5.62	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2019			
v	MATHEMATICS	CC-12	Mechanics I	4	6	24	2019	6.00	6.00	0
	MATHEMATICS	DSE-1	Linear Programming	7	6	42	2019	0.00	0.00	Q
	MATHEMATICS	DSE-2	Probability & Statistics	6	6	36	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
VI		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	
V1	MATHEMATICS	DSE-3	Project Work	10	6	60	2020	10.00	10.00	Q
	IVIA I DEIVIA LIUS	DSE-4	Mechanics II	10	6	60	2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	: Q

Date of Publication of Result : 29.10.2020

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

Anindya zohi Pal

Controller of Examinations

Course Types :		CGPA Le	tter Grades	Result Codes:		
CC – Core Course	CGPA	Letter Grade CGPA Letter Grade Q		Q - Qualified		
GE – Generic Elective	9 and above			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	
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.	

#### **Grade Point Norms:**

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:

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



Name: ARIJIT PAL

#### **Honours: MATHEMATICS**

Roll No. 170331000020

Semester	Subia 4	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the sis of	Result
No.	Subject	Code	Course 1 me	(G)	(V)	(G×V)	Year	CCs & DSEs	sis of All Courses 5.64 6.60 5.92 6.54 10.00	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	6	6	36	2017			
	MATHEMATICS	CC-2	Algebra	5	6	30	2017			
Ι	PHYSICS	GE-1	Mechanics	5	6	30	2017	5.50	5.64	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS	CC-3	Real Analysis	6	6	36	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	7	6	42	2018			
II	PHYSICS	GE-2	Electricity and Magnetism	6	6	36	2018	6.50	6.60	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018		asis of All Courses 5.64 6.60 5.92 6.54 6.54	
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018			
	MATHEMATICS	CC-6	Group Theory I	5	6	30	2018			
III		CC-7	Numerical Methods	8	6	48	2018	6.00	Courses           5.64           6.60           5.92           6.54	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
		CC-8	Riemann Integration and Series of Functions	7	6	42	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	6.00	All Courses 5.64 6.60 5.92 6.54 10.00	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
		CC-11	Partial Differential Equations and Applications	6	6	36	2019			
V	MATHEMATICS	CC-12	Mechanics I	4	6	24	2019			SNC
V	MATHEMATICS	DSE-1	Linear Programming	NA	6	NA				SNC
	MATHEMATICS	DSE-2	Probability & Statistics	4	6	24	2019		Courses           5.64           6.60           5.92           6.54           10.00	
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
3.71	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	
VI		DSE-3	Project Work	10	6	60	2020	10.00	10.00	Q
	MATHEMATICS	DSE-4	Mechanics II	10	6	60	2020			
	umulative Grade Point Av umulative Grade Point Av			•			Letter G CGP		Result :	PNC

Date of Publication of Result : 29.10.2020

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

Anindya zobi Pal

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

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

Controller of Examinations

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



Name: CHUMKI DEY

#### **Honours: MATHEMATICS**

Roll No. 170331000036

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the sis of	Result
No.	Subject	Code	Course The	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	8	6	48	2017			
	MATHEMATICS	CC-2	Algebra 8 6 4				2017			
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017	8.00	7.36	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	MATHEMATICS	CC-3	Real Analysis	9	6	54	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	8	6	48	2018			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018	8.50	8.20	Q
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	7	6	42	2018			
	MATHEMATICS	CC-6	Group Theory I	6	6	36	2018		7.54	
III		CC-7	Numerical Methods	10	6	60	2018	7.67	7.54	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
		CC-8	Riemann Integration and Series of Functions	10	6	60	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	7	6	42	2019			
IV		CC-10	Ring Theory and Linear Algebra I	8	6	48	2019	8.33	8.15	Q
	PHYSICS	GE-4	Waves and Optics	7	6	42	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2019			
V	MATHEMATICS	CC-12	Mechanics I	7	6	42	2019	8.50	8.50	Q
v	MATHEMATICS	DSE-1	Linear Programming	9	6	54	2019	0.50	8.50	
	MATHEMATICS	DSE-2	Probability & Statistics	9	6	54	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
VI		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	
V I	MATHEMATICS	DSE-3	Project Work	10	6	60	2020	10.00	10.00	Q
	WIAT DEWIATICS	DSE-4	Mechanics II	10	6	60	2020			
	Cumulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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

Aningra Zoh Pal Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

Grade I onte i torms.			
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: DEBANWITA GHATAK

#### **Honours: MATHEMATICS**

Roll No. 170331000039

Semester	Caliert	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the sis of	Result
No.	Subject	Code	Course The	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2017			
	MATHEMATICS	CC-2	Algebra	6	6	36	2017			
Ι	PHYSICS	GE-1	Mechanics	7	6	42	2017	5.00	5.91	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS	CC-3	Real Analysis	9	6	54	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	6	6	36	2018			
II	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2018	7.50	7.50	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	8	6	48	2018			
	MATHEMATICS	CC-6	Group Theory I	7	6	42	2018			
III		CC-7	Numerical Methods	9	6	54	2018	8.00	8.08	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2018		5.00 8.08	
	MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2018			
		CC-8	Riemann Integration and Series of Functions	9	6	54	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	6	6	36	2019			
		CC-10	Ring Theory and Linear Algebra I	6	6	36	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	7.00	7.23	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2019			
V	MATHEMATICS	CC-12	Mechanics I	5	6	30	2019	6.25	( )5	
	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2019	0.25	6.25	Q
	MATHEMATICS	DSE-2	Probability & Statistics	5	6	30	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
VI	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020	10.00	10.00	Q
	IVIA I DEIVIA LIUS	DSE-4	Mechanics II	10	6	60	2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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

Anindya zohi Pal

Controller of Examinations

Course Types :		CGPA Let	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

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: DIBYENDU GHOSH

#### **Honours: MATHEMATICS**

Roll No. 170331000042

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the sis of	Result
No.	Subject	Code	Course The	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	6	6	36	2017			
	(		Algebra	4	6	24	2017			
Ι	PHYSICS	GE-1	Mechanics	5	6	30	2017	5.00	5.18	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	MATHEMATICS	CC-3	Real Analysis	6	6	36	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	5	6	30	2018			
II	PHYSICS	GE-2	Electricity and Magnetism	5	6	30	2018	5.50	5.70	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2018			
	MATHEMATICS	CC-6	Group Theory I	6	6	36	2018			
III		CC-7	Numerical Methods	7	6	42	2018	6.33	6.00	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2018			
	MATHEMATICS	SEC-1	Logic and Sets	6	2	12	2018			
		CC-8	Riemann Integration and Series of Functions	6	6	36	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	6	6	36	2019			
		CC-10	Ring Theory and Linear Algebra I	4	6	24	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	5.33	6.00	Q
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019			
V	MATHEMATICS	CC-12	Mechanics I	5	6	30	2019	6.00	6.00	
	MATHEMATICS	DSE-1	Linear Programming	5	6	30	2019	0.00	0.00	Q
	MATHEMATICS	DSE-2	Probability & Statistics	6	6	36	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
VI		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	Q
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020	10.00	10.00	
			Mechanics II	10	6	60	2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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

Controller of Examinations

Course Types :		CGPA Let	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

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

# Anindya zohi Pal

Serial No. 20003600B+01455

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



Name: KRISHNENDU DAS

#### **Honours: ZOOLOGY**

Roll No. 170331000054

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the sis of	Result
No.	Subject	Code	Course Thie	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	ZOOLOGY	CC-1	Non-chordates I	9	6	54	2017			
			Ecology	8	6	48	2017			
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	tions, General Organic 7 6 42 2017 8.50		7.82	Q			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	ZOOLOGY	CC-3	Non-chordates II	8	6	48	2018			
	2001001	CC-4	Cell Biology	7	6	42	2018			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018	7.50	7.50	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Chordates	7	6	42	2018			
	ZOOLOGY	CC-6	Animal Physiology: Controlling and Coordinating Systems		6	48	2018			
III		CC-7	Fundamentals of Biochemistry	7	6	42	2018	7.33	7.31	Q
	BOTANY	GE-3	Plant Anatomy and Embryology	7	6	42	2018			
	ZOOLOGY	SEC-1	Apiculture	8	2	16	2018			
		CC-8	Comparative Anatomy of Vertebrates	6	6	36	2019			
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	7	6	42	2019			
IV		CC-10	Immunology	8	6	48	2019	7.00	7.31	Q
	BOTANY	GE-4	Plant Physiology and Metabolism	8	6	48	2019			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	8	2	16	2019			
	ZOOLOGY	CC-11	Molecular Biology	7	6	42	2019			
V	2001001	CC-12	Genetics	6	6	36	2019	6.75	6.75	
v	7001.002	DSE-1	Animal Biotechnology	6	6	36	2019	0.75	0.75	Q
	ZOOLOGY	DSE-2	Parasitology	8	6	48	2019			
	7001002	CC-13	Developmental Biology	9	6	54	2020			
VI	ZOOLOGY	CC-14	Evolutionary Biology	9	6	54	2020	8.75	075	
V 1	ZOOLOGY	DSE-3	Animal Behaviour 8 6		6	48	2020	0./3	8.75	Q
		DSE-4	Endocrinology							
<u>`````````````````````````````````````</u>	umulative Grade Point Av umulative Grade Point Av	0 /					Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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

Aningra Zoh Pal Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

Ji auc i onit ronnis.			
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: KUNTAL ROY

#### **Honours: MATHEMATICS**

Roll No. 170331000055

Semester		Course	C TH	Grade	Credit	Grade	Credit		on the	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	9	6	54	2017			
	MATHEMATICS	CC-2	Algebra	9	6	54	2017			
Ι	PHYSICS	GE-1	Mechanics	7	6	42	2017	9.00	8.09	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS	CC-3	Real Analysis	9	6	54	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	7	6	42	2018			
II PHYSICS		GE-2	Electricity and Magnetism	8	6	48	2018	8.00	8.20	Q
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
	-	CC-5 Theory of Real Functions & Metric Spaces		7	6	42	2018			
	MATHEMATICS	CC-6	Group Theory I	7	6	42	2018			
III		CC-7	Numerical Methods	9	6	54	2018	7.67	7.38	Q
C	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2018			
	CC	CC-8	Riemann Integration and Series of Functions	9	6	54	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	7	6	42	2019			
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	7.67	7.69	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2019			
v	MATHEMATICS	CC-12	Mechanics I	6	6	36	2019	7.00	7.00	
	MATHEMATICS	DSE-1	Linear Programming	7	6	42	2019	7.00	7.00	Q
	MATHEMATICS	DSE-2	Probability & Statistics	5	6	30	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
VI		CC-14	Ring Theory and Linear Algebra II		6	60	2020	10.00	10.00	Q
	MATHEMATICS	DSE-3	Project Work		6	60	2020	10.00	10.00	
		DSE-4	Mechanics II	10	6	60	2020			
· · ·	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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

Anindya zohi Pal

Controller of Examinations

Course Types :		CGPA Le	tter Grades	Result Codes:		
CC – Core Course	CGPA			Q - Qualified		
GE – Generic Elective	9 and above	O (Outstanding)	utstanding) 5 to below 6 B (Average) SN		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	
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.	

#### **Grade Point Norms:**

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: LOKNATH BAGDI

#### **Honours: MATHEMATICS**

Roll No. 170331000056

Semester		Course		Grade	Credit	Grade	Credit		on the	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017			
	MATHEMATICS	CC-2	Algebra	4	6	24	2017			
Ι	PHYSICS	GE-1	Mechanics	5	6	30	2017	4.50	5.09	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS	CC-3	Real Analysis	6	6	36	2019			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	4	6	24	2018			
II	PHYSICS	GE-2	Electricity and Magnetism	5	6	30	2018	5.00	5.50	Q
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	NA	6	NA				
	MATHEMATICS	CC-6	Group Theory I	NA	6	NA				
III		CC-7	Numerical Methods	5	6	30	2018			SNC
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	try 6			2018			
	MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2018			
	CC	CC-8	Riemann Integration and Series of Functions	5	6	30	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	5	6	30	2019			
		CC-10	Ring Theory and Linear Algebra I	4	6	24	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019	4.67	5.31	Q
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019		5.09 5.50 5.31 9.75	
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2019			
V	MATHEMATICS	CC-12	Mechanics I	NA	6	NA				SNC
	MATHEMATICS	DSE-1	Linear Programming	4	6	24	2019			SINC
	MATHEMATICS	DSE-2	Probability & Statistics	4	6	24	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020			
VI		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	9.75	0.75	
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020	9.75	9.73	Q
	MATHEMATICS	DSE-4	Mechanics II	10	6	60	2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G		Result :	PNC

Date of Publication of Result : 29.10.2020

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

# Anindya zohi Pal

Controller of Examinations

Course Types :		CGPA Le	tter Grades		Result Codes:		
CC – Core Course	CGPA	Letter Grade CGPA Letter Grade C		Q - Qualified			
GE – Generic Elective	9 and above	O (Outstanding) 5 to below 6 B (Average) SNO		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		
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]		
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.		

#### **Grade Point Norms:**

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: RIPAN MONDAL

#### **Honours: MATHEMATICS**

Roll No. 170331000089

Semester	Surking 4	Course	Course Title	Grade	Credit	Grade	Credit		on the sis of	Result
No.	Subject	Code	Course 1 the	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017			
	MATHEMATICS	CC-2	Algebra	6	6	36	2017			
Ι	PHYSICS	GE-1	Mechanics	6	6	36	2017	5.50	5.73	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	MATHEMATICS	CC-3	Real Analysis	6	6	36	2018			
	MATHEMATICS CC-4 Diffe		Differential Equations and Vector Calculus	5	6	30	2018			
II	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2018	5.50	6.30	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2018			
	MATHEMATICS	CC-6	Group Theory I	8	6	48	2018			
III		CC-7	Numerical Methods	7	6	42	2018	7.00	7.08	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
	CC-8	CC-8	Riemann Integration and Series of Functions	8	6	48	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	6	6	36	2019	7		
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	7.33	7.46	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019		7.08 7.46 6.75 9.75	
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019			
v	MATHEMATICS	CC-12	Mechanics I	6	6	36	2019	6.75	(75	
v	MATHEMATICS	DSE-1	Linear Programming	7	6	42	2019	0.75	7.08 7.46 6.75	Q
	MATHEMATICS	DSE-2	Probability & Statistics	6	6	36	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020			
VI		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	9.75	0.75	Q
V I	MATHEMATICS	DSE-3	Project Work	10	6	60	2020	9.75	9.75	V V
	IVIA I DEIVIA LICS	DSE-4	Mechanics II	10	6	60	2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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

Anindya zohi Pal

Controller of Examinations

Course Types :		CGPA Let	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### Grade Point Norms:

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: RUBINA KHATUN

#### **Honours: MATHEMATICS**

Roll No. 170331000091

Semester	<u> </u>	Course		Grade	Credit	Grade	Credit		on the sis of	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2018			
	MATHEMATICS	CC-2	Algebra	4	6	24	2017			
Ι	PHYSICS	GE-1	Mechanics	6	6	36	2017	4.50	5.18	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	MATHEMATICS	CC-3	Real Analysis	7	6	42	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	4	6	24	2019			
II	PHYSICS	GE-2	Electricity and Magnetism	5	6	30	2018	5.50	5.70	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018		S         Courses           5.18         5.18           5.70         5.62           5.85         5.85           9.75         9.75	
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018			
	MATHEMATICS	CC-6	Group Theory I	4	6	24	2018	1		
III		CC-7	Numerical Methods	6	6	36	2018	5.00	5.62	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2018	1	k         All Courses           5.18         5.18           5.70         5.62           5.85         5.85           9.75         9.75	
		CC-8	Riemann Integration and Series of Functions	6	6	36	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	5	6	30	2019	]		
		CC-10	Ring Theory and Linear Algebra I	4	6	24	2019	]		
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	5.00	5.85	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019	1	5.18 5.70 5.62 5.85 9.75	
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2019			
<b>X</b> 7	MATHEMATICS	CC-12	Mechanics I	5	6	30	2019	1		ONG
V		DSE-1	Linear Programming	NA	6	NA		1		SNC
	MATHEMATICS	DSE-2	Probability & Statistics	5	6	30	2019	1	Courses           5.18           5.70           5.62           5.85           9.75	
		CC-13	Metric Spaces and Complex Analysis	9	6	54	2020			
	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	9.75	0.75	
VI		DSE-3	Project Work	10	6	60	2020	9.75	9.75	Q
	MATHEMATICS	DSE-4	Mechanics II	10	6	60	2020	1		
	umulative Grade Point Av umulative Grade Point Av						Letter G CGP		Result :	PNC

Date of Publication of Result : 29.10.2020

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Anindya zobi Pal

Controller of Examinations

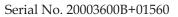
Course Types :		CGPA Le	Result Codes:		
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme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

#### **Grade Point Norms:**

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

### Percentage Conversion Formula:

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





Name: ABANTIKA TA

#### **Honours: CHEMISTRY**

Roll No. 170340100001

Subject Course Course Title		С. Т!!!	Grade	Credit	Grade	Credit	SGPA on the basis of		Result	
Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code	
I ICHEMISTRY		Organic Chemistry-I	6	6	36	2017				
	CC-2	Physical Chemistry-I		6	42	2017				
MATHEMATICS	GE-1	Differential Calculus 5 6 30					6.50	6.18	Q	
ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies		4	28	2017				
CHEMISTRY	CC-3	Inorganic Chemistry-I	6	6	36	2018				
CHEWIISTKY	CC-4	Organic Chemistry-II	6	6	36	2018				
MATHEMATICS	GE-2	Differential Equations	4	6	24	2018	6.00	5.80	Q	
Communicative English/MIL	AECC-2	Bengali	10	2	20	2018				
	CC-5	Physical Chemistry-II	8	6	48	2018				
CHEMISTRY	HEMISTRY CC-6		Inorganic Chemistry-II	8	6	48	48 2018			
	CC-7	Organic Chemistry-III	6	6	36	2018	7.33	7.00	Q	
PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	· · · · · · · · · · · · · · · · · · ·							
CHEMISTRY	SEC-1	Basic Analytical Chemistry	2	20	2018					
CC-8		Physical Chemistry-III	6	6	36	2019				
CHEMISTRY	HEMISTRY CC-9 Inorganic Chemist		Inorganic Chemistry-III	5	6	30	2019			
	CC-10	Organic Chemistry - IV	5	6	30	2019	5.33	5.54	Q	
PHYSICS	GE-4	Waves and Optics	5	6	30	2019				
CHEMISTRY	SEC-2	Pharmaceutical Chemistry	9	2	18	2019				
CHEMISTRY	CC-11	Inorganic Chemistry-IV	6	6	36	2019				
CHEWISTKI	CC-12	Organic Chemistry-V	7	6	42	2019	6.25	6.25	Q	
CHEMISTRY	DSE-1	Advanced Physical Chemistry	5	6	30	2019	0.23	0.23	V V	
CHEWISTKT	DSE-2	Analytical Methods in Chemistry	7	7 6 42 2019						
CHEMISTRY	CC-13	Inorganic Chemistry-V	9	6	54	2020				
CHEWISTKI	CC-14	Physical Chemistry-IV	9	6	54	2020	0.25	0.25	0	
CHEMISTRY DSE-3 Green Chemistry DSE-4 Inorganic Materials of Industrial Impo		Green Chemistry	10	6	60	9.25		9.23	Q	
		Inorganic Materials of Industrial Importance 9 6 54				2020				
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs       : 6.94         CGPA (Cumulative Grade Point Average) on the basis of All Courses       : 6.69									t : Q	
	MATHEMATICS ENVIRONMENTAL STUDIES CHEMISTRY MATHEMATICS Communicative English/MIL CHEMISTRY PHYSICS CHEMISTRY CHEMISTRY CHEMISTRY CHEMISTRY CHEMISTRY CHEMISTRY CHEMISTRY CHEMISTRY CHEMISTRY CHEMISTRY UMUALIVE Grade Point Av	SubjectCodeChemistryCC-1CC-2MATHEMATICSGE-1ENVIRONMENTAL STUDIESAECC-1CHEMISTRYCC-3CHEMISTRYGE-2Communicative English/MILAECC-2CHEMISTRYCC-5CHEMISTRYCC-6CC-7PHYSICSCHEMISTRYSEC-1CHEMISTRYCC-8CHEMISTRYCC-9CHEMISTRYSEC-10PHYSICSGE-4CHEMISTRYSEC-2CHEMISTRYSEC-2CHEMISTRYSEC-2CHEMISTRYDSE-1DSE-1DSE-2CHEMISTRYCC-13CC-14DSE-3DSE-4Umulative Grade Point Average) on th	SubjectCodeCourse TitleCHEMISTRYCC-1Organic Chemistry-IMATHEMATICSGE-1Differential CalculusENVIRONMENTAL STUDIESAECC-1Fundamentals of Environmental StudiesCHEMISTRYCC-3Inorganic Chemistry-ICC-4Organic Chemistry-IIMATHEMATICSGE-2Differential EquationsCommunicative English/MILAECC-2BengaliCC-5Physical Chemistry-IICC-6Inorganic Chemistry-IICC-7Organic Chemistry-IIICC-8Physical Chemistry-IIIPHYSICSGE-3CHEMISTRYSEC-1Basic Analytical Chemistry-IIICC-10Organic Chemistry-IIICC-10Organic Chemistry-IIICC-11Inorganic Chemistry-IIICC-10Organic Chemistry-IIICC-11Organic Chemistry-IIICC-11Organic Chemistry-IVPHYSICSGE-4Waves and OpticsCHEMISTRYSEC-2Pharmaceutical Chemistry-IVCHEMISTRYOSE-1Advanced Physical Chemistry-IVCHEMISTRYDSE-1Advanced Physical ChemistryCHEMISTRYDSE-2Analytical Methods in ChemistryCHEMISTRYDSE-3Green Chemistry-IVCHEMISTRYDSE-3Green Chemistry-IVCHEMISTRYDSE-3Green Chemistry-IVCHEMISTRYDSE-3Green Chemistry-IVCHEMISTRYDSE-3Green Chemistry-IV <td>SubjectCodeCourse liftle(G)CHEMISTRYCC-1Organic Chemistry-I6CC-2Physical Chemistry-I7MATHEMATICSGE-1Differential Calculus5ENVIRONMENTAL STUDIESAECC-1Fundamentals of Environmental Studies7CHEMISTRYCC-3Inorganic Chemistry-II6MATHEMATICSGE-2Differential Equations4Chemunicative English/MILAECC-2Bengali10CHEMISTRYCC-5Physical Chemistry-II8CC-6Inorganic Chemistry-III8CC-7Organic Chemistry-III8CC-6Inorganic Chemistry-III6PHYSICSGE-3Thermal Physics and Statistical Mechanics5CHEMISTRYSEC-1Basic Analytical Chemistry-III6CHEMISTRYSEC-1Iorganic Chemistry-III6CHEMISTRYSEC-1Iorganic Chemistry-III6CHEMISTRYSEC-1Basic Analytical Chemistry10CHEMISTRYCC-8Physical Chemistry-III5CC-10Organic Chemistry-III55CHEMISTRYSEC-2Pharmaceutical Chemistry9CHEMISTRYSEC-1Inorganic Chemistry-IV6CC-10Organic Chemistry-IV66CC-11Inorganic Chemistry-V7CHEMISTRYSEC-1Advanced Physical Chemistry7CHEMISTRYDSE-1Advanced Physical Chemistry7CHEMISTRYDSE-1<td< td=""><td>SubjectCourse CodeCourse TitleGrade (G)Value (V)CHEMISTRYCC-1Organic Chemistry-I66CC-2Physical Chemistry-I76MATHEMATICSGE-1Differential Calculus56ENVIRONMENTAL STUDIESAECC-1Fundamentals of Environmental Studies74CHEMISTRYCC-3Inorganic Chemistry-I66MATHEMATICSGE-2Differential Equations46Communicative English/MILAECC-2Bengali102CC-5Physical Chemistry-II86CC-7Organic Chemistry-III86CC-7Organic Chemistry-III86CC-7Organic Chemistry-III86CC-7Organic Chemistry-III66PHYSICSGE-3Thermal Physics and Statistical Mechanics56CHEMISTRYSEC-1Basic Analytical Chemistry-III66CHEMISTRYSEC-1Basic Analytical Chemistry-III66CHEMISTRYSEC-2Physical Chemistry-III56CHEMISTRYSEC-2Pharmaceutical Chemistry-IV56CHEMISTRYSEC-2Pharmaceutical Chemistry-IV56CHEMISTRYSEC-2Pharmaceutical Chemistry-IV76CHEMISTRYSEC-2Pharmaceutical Chemistry-IV76CHEMISTRYSEC-2Pharmaceutical Chemistry76CHEMISTRY<td< td=""><td>SubjectCourse CodeCourse TitleGrade (C)Value (V)Point (CXV)CHEMISTRY$CC-1$Organic Chemistry-I6636CC-2Physical Chemistry-I7642MATHEMATICSGE-1Differential Calculus5630ENVIRONMENTAL STUDIESAECC-1Fundamentals of Environmental Studies7428CHEMISTRYCC-3Inorganic Chemistry-I6636CC+4Organic Chemistry-II6636CC-4Organic Chemistry-II6636MATHEMATICSGE-2Differential Equations4624Communicative English/MILAECC-2Bengali10220CHEMISTRYCC-6Inorganic Chemistry-II8648CHEMISTRYCC-6Inorganic Chemistry-III8636PHYSICSGE-3Thermal Physics and Statistical Mechanics5630CHEMISTRYSEC-1Basic Analytical Chemistry10220CHEMISTRYSEC-1Inorganic Chemistry-III6636CHEMISTRYSEC-1Basic Analytical Chemistry-III5630CHEMISTRYSEC-2Pharmaceutical Chemistry-IV5630CHEMISTRYGE-4Waves and Optics5630CHEMISTRYSEC-1Inorganic Chemistry-VV7642CHEMISTRYDSE-2Analy</td><td>SubjectCourse CodeCourse TitleGrade (G)Value (G)Point (GXV)Retained YearCHEMISTRY$CC-1$Organic Chemistry-I66362017MATHEMATICSGE-1Differential Calculus56302017ENVIRONMENTAL STUDIESGE-1Differential Calculus56302017CHEMISTRYCC-3Inorganic Chemistry-I66362018CHEMISTRYCC-4Organic Chemistry-II66362018COMmunicative English/MILGE-2Differential Equations46242018CHEMISTRYCC-6Inorganic Chemistry-II86482018CHEMISTRYCC-6Inorganic Chemistry-III86482018CHEMISTRYCC-6Inorganic Chemistry-III86482018CHEMISTRYGE-3Thermal Physics and Statistical Mechanics56302019CHEMISTRYSEC-1Basic Analytical Chemistry-III66362019CHEMISTRYSEC-1Basic Analytical Chemistry-III66302019CHEMISTRYCC-9Inorganic Chemistry-III56302019CHEMISTRYSEC-1Basic Analytical Chemistry-III56302019CHEMISTRYSEC-1Basic Analytical Chemistry-III56302019CHEMISTRYSEC-2Pharmaceutical Che</td><td>Subject         Course Code         Course Title         Grade (G)         Credit V(M)         Grade Point (GN)         Credit Point (GN)         Grade Point (GN)         Credit Point (GN)         Grade Point (GN)         Credit Point (GN)         Grade Point (GN)         Credit Point (GN)         Technal Point (GN)         Technal Point (GN)         Technal Point (GN)         Technal Point (GN)         Technal Point (GN)         Technal Point (GN)         Technal Point (GN)         Technal Point (GN)         Technal Point (GN)         Technal Point (GN)         Technal Point (GN)         Credit Point (GN)         Grade Point (GN)         Credit Point (GN)         Technal Point (GN)         <thtechnal Point (GN)         <thtechnal Point (GN)</thtechnal </thtechnal </br></br></br></br></br></br></br></br></br></td><td>Subject         Course Code         Course Title         Grade (G)         Credit Value (G)         Grade Value (G)         Credit Value (G)         Credit Va</td></td<></td></td<></td>	SubjectCodeCourse liftle(G)CHEMISTRYCC-1Organic Chemistry-I6CC-2Physical Chemistry-I7MATHEMATICSGE-1Differential Calculus5ENVIRONMENTAL STUDIESAECC-1Fundamentals of Environmental Studies7CHEMISTRYCC-3Inorganic Chemistry-II6MATHEMATICSGE-2Differential Equations4Chemunicative English/MILAECC-2Bengali10CHEMISTRYCC-5Physical Chemistry-II8CC-6Inorganic Chemistry-III8CC-7Organic Chemistry-III8CC-6Inorganic Chemistry-III6PHYSICSGE-3Thermal Physics and Statistical Mechanics5CHEMISTRYSEC-1Basic Analytical Chemistry-III6CHEMISTRYSEC-1Iorganic Chemistry-III6CHEMISTRYSEC-1Iorganic Chemistry-III6CHEMISTRYSEC-1Basic Analytical Chemistry10CHEMISTRYCC-8Physical Chemistry-III5CC-10Organic Chemistry-III55CHEMISTRYSEC-2Pharmaceutical Chemistry9CHEMISTRYSEC-1Inorganic Chemistry-IV6CC-10Organic Chemistry-IV66CC-11Inorganic Chemistry-V7CHEMISTRYSEC-1Advanced Physical Chemistry7CHEMISTRYDSE-1Advanced Physical Chemistry7CHEMISTRYDSE-1 <td< td=""><td>SubjectCourse CodeCourse TitleGrade (G)Value (V)CHEMISTRYCC-1Organic Chemistry-I66CC-2Physical Chemistry-I76MATHEMATICSGE-1Differential Calculus56ENVIRONMENTAL STUDIESAECC-1Fundamentals of Environmental Studies74CHEMISTRYCC-3Inorganic Chemistry-I66MATHEMATICSGE-2Differential Equations46Communicative English/MILAECC-2Bengali102CC-5Physical Chemistry-II86CC-7Organic Chemistry-III86CC-7Organic Chemistry-III86CC-7Organic Chemistry-III86CC-7Organic Chemistry-III66PHYSICSGE-3Thermal Physics and Statistical Mechanics56CHEMISTRYSEC-1Basic Analytical Chemistry-III66CHEMISTRYSEC-1Basic Analytical Chemistry-III66CHEMISTRYSEC-2Physical Chemistry-III56CHEMISTRYSEC-2Pharmaceutical Chemistry-IV56CHEMISTRYSEC-2Pharmaceutical Chemistry-IV56CHEMISTRYSEC-2Pharmaceutical Chemistry-IV76CHEMISTRYSEC-2Pharmaceutical Chemistry-IV76CHEMISTRYSEC-2Pharmaceutical Chemistry76CHEMISTRY<td< td=""><td>SubjectCourse CodeCourse TitleGrade (C)Value (V)Point (CXV)CHEMISTRY$CC-1$Organic Chemistry-I6636CC-2Physical Chemistry-I7642MATHEMATICSGE-1Differential Calculus5630ENVIRONMENTAL STUDIESAECC-1Fundamentals of Environmental Studies7428CHEMISTRYCC-3Inorganic Chemistry-I6636CC+4Organic Chemistry-II6636CC-4Organic Chemistry-II6636MATHEMATICSGE-2Differential Equations4624Communicative English/MILAECC-2Bengali10220CHEMISTRYCC-6Inorganic Chemistry-II8648CHEMISTRYCC-6Inorganic Chemistry-III8636PHYSICSGE-3Thermal Physics and Statistical Mechanics5630CHEMISTRYSEC-1Basic Analytical Chemistry10220CHEMISTRYSEC-1Inorganic Chemistry-III6636CHEMISTRYSEC-1Basic Analytical Chemistry-III5630CHEMISTRYSEC-2Pharmaceutical Chemistry-IV5630CHEMISTRYGE-4Waves and Optics5630CHEMISTRYSEC-1Inorganic Chemistry-VV7642CHEMISTRYDSE-2Analy</td><td>SubjectCourse CodeCourse TitleGrade (G)Value (G)Point (GXV)Retained YearCHEMISTRY$CC-1$Organic Chemistry-I66362017MATHEMATICSGE-1Differential Calculus56302017ENVIRONMENTAL STUDIESGE-1Differential Calculus56302017CHEMISTRYCC-3Inorganic Chemistry-I66362018CHEMISTRYCC-4Organic Chemistry-II66362018COMmunicative English/MILGE-2Differential Equations46242018CHEMISTRYCC-6Inorganic Chemistry-II86482018CHEMISTRYCC-6Inorganic Chemistry-III86482018CHEMISTRYCC-6Inorganic Chemistry-III86482018CHEMISTRYGE-3Thermal Physics and Statistical Mechanics56302019CHEMISTRYSEC-1Basic Analytical Chemistry-III66362019CHEMISTRYSEC-1Basic Analytical Chemistry-III66302019CHEMISTRYCC-9Inorganic Chemistry-III56302019CHEMISTRYSEC-1Basic Analytical Chemistry-III56302019CHEMISTRYSEC-1Basic Analytical Chemistry-III56302019CHEMISTRYSEC-2Pharmaceutical Che</td><td>Subject         Course Code         Course Title         Grade (G)         Credit V(M)         Grade Point (GN)         Credit Point (GN)         Grade Point (GN)         Credit Point (GN)         Grade Point (GN)         Credit Point (GN)         Grade Point (GN)         Credit Point (GN)         Technal Point (GN)         Technal Point (GN)         Technal Point (GN)         Technal Point (GN)         Technal Point (GN)         Technal Point (GN)         Technal Point (GN)         Technal Point (GN)         Technal Point (GN)         Technal Point (GN)         Technal Point (GN)         Credit Point (GN)         Grade Point (GN)         Credit Point (GN)         Technal Point (GN)         <thtechnal Point (GN)         <thtechnal Point (GN)</thtechnal </thtechnal </br></br></br></br></br></br></br></br></br></td><td>Subject         Course Code         Course Title         Grade (G)         Credit Value (G)         Grade Value (G)         Credit Value (G)         Credit Va</td></td<></td></td<>	SubjectCourse CodeCourse TitleGrade (G)Value (V)CHEMISTRYCC-1Organic Chemistry-I66CC-2Physical Chemistry-I76MATHEMATICSGE-1Differential Calculus56ENVIRONMENTAL STUDIESAECC-1Fundamentals of Environmental Studies74CHEMISTRYCC-3Inorganic Chemistry-I66MATHEMATICSGE-2Differential Equations46Communicative English/MILAECC-2Bengali102CC-5Physical Chemistry-II86CC-7Organic Chemistry-III86CC-7Organic Chemistry-III86CC-7Organic Chemistry-III86CC-7Organic Chemistry-III66PHYSICSGE-3Thermal Physics and Statistical Mechanics56CHEMISTRYSEC-1Basic Analytical Chemistry-III66CHEMISTRYSEC-1Basic Analytical Chemistry-III66CHEMISTRYSEC-2Physical Chemistry-III56CHEMISTRYSEC-2Pharmaceutical Chemistry-IV56CHEMISTRYSEC-2Pharmaceutical Chemistry-IV56CHEMISTRYSEC-2Pharmaceutical Chemistry-IV76CHEMISTRYSEC-2Pharmaceutical Chemistry-IV76CHEMISTRYSEC-2Pharmaceutical Chemistry76CHEMISTRY <td< td=""><td>SubjectCourse CodeCourse TitleGrade (C)Value (V)Point (CXV)CHEMISTRY$CC-1$Organic Chemistry-I6636CC-2Physical Chemistry-I7642MATHEMATICSGE-1Differential Calculus5630ENVIRONMENTAL STUDIESAECC-1Fundamentals of Environmental Studies7428CHEMISTRYCC-3Inorganic Chemistry-I6636CC+4Organic Chemistry-II6636CC-4Organic Chemistry-II6636MATHEMATICSGE-2Differential Equations4624Communicative English/MILAECC-2Bengali10220CHEMISTRYCC-6Inorganic Chemistry-II8648CHEMISTRYCC-6Inorganic Chemistry-III8636PHYSICSGE-3Thermal Physics and Statistical Mechanics5630CHEMISTRYSEC-1Basic Analytical Chemistry10220CHEMISTRYSEC-1Inorganic Chemistry-III6636CHEMISTRYSEC-1Basic Analytical Chemistry-III5630CHEMISTRYSEC-2Pharmaceutical Chemistry-IV5630CHEMISTRYGE-4Waves and Optics5630CHEMISTRYSEC-1Inorganic Chemistry-VV7642CHEMISTRYDSE-2Analy</td><td>SubjectCourse CodeCourse TitleGrade (G)Value (G)Point (GXV)Retained YearCHEMISTRY$CC-1$Organic Chemistry-I66362017MATHEMATICSGE-1Differential Calculus56302017ENVIRONMENTAL STUDIESGE-1Differential Calculus56302017CHEMISTRYCC-3Inorganic Chemistry-I66362018CHEMISTRYCC-4Organic Chemistry-II66362018COMmunicative English/MILGE-2Differential Equations46242018CHEMISTRYCC-6Inorganic Chemistry-II86482018CHEMISTRYCC-6Inorganic Chemistry-III86482018CHEMISTRYCC-6Inorganic Chemistry-III86482018CHEMISTRYGE-3Thermal Physics and Statistical Mechanics56302019CHEMISTRYSEC-1Basic Analytical Chemistry-III66362019CHEMISTRYSEC-1Basic Analytical Chemistry-III66302019CHEMISTRYCC-9Inorganic Chemistry-III56302019CHEMISTRYSEC-1Basic Analytical Chemistry-III56302019CHEMISTRYSEC-1Basic Analytical Chemistry-III56302019CHEMISTRYSEC-2Pharmaceutical Che</td><td>Subject         Course Code         Course Title         Grade (G)         Credit V(M)         Grade Point (GN)         Credit Point (GN)         Grade Point (GN)         Credit Point (GN)         Grade Point (GN)         Credit Point (GN)         Grade Point (GN)         Credit Point (GN)         Technal Point (GN)         Technal Point (GN)         Technal Point (GN)         Technal Point (GN)         Technal Point (GN)         Technal Point (GN)         Technal Point (GN)         Technal Point (GN)         Technal Point (GN)         Technal Point (GN)         Technal Point (GN)         Credit Point (GN)         Grade Point (GN)         Credit Point (GN)         Technal Point (GN)         <thtechnal Point (GN)         <thtechnal Point (GN)</thtechnal </thtechnal </br></br></br></br></br></br></br></br></br></td><td>Subject         Course Code         Course Title         Grade (G)         Credit Value (G)         Grade Value (G)         Credit Value (G)         Credit Va</td></td<>	SubjectCourse CodeCourse TitleGrade (C)Value (V)Point (CXV)CHEMISTRY $CC-1$ Organic Chemistry-I6636CC-2Physical Chemistry-I7642MATHEMATICSGE-1Differential Calculus5630ENVIRONMENTAL STUDIESAECC-1Fundamentals of Environmental Studies7428CHEMISTRYCC-3Inorganic Chemistry-I6636CC+4Organic Chemistry-II6636CC-4Organic Chemistry-II6636MATHEMATICSGE-2Differential Equations4624Communicative English/MILAECC-2Bengali10220CHEMISTRYCC-6Inorganic Chemistry-II8648CHEMISTRYCC-6Inorganic Chemistry-III8636PHYSICSGE-3Thermal Physics and Statistical Mechanics5630CHEMISTRYSEC-1Basic Analytical Chemistry10220CHEMISTRYSEC-1Inorganic Chemistry-III6636CHEMISTRYSEC-1Basic Analytical Chemistry-III5630CHEMISTRYSEC-2Pharmaceutical Chemistry-IV5630CHEMISTRYGE-4Waves and Optics5630CHEMISTRYSEC-1Inorganic Chemistry-VV7642CHEMISTRYDSE-2Analy	SubjectCourse CodeCourse TitleGrade (G)Value (G)Point (GXV)Retained YearCHEMISTRY $CC-1$ Organic Chemistry-I66362017MATHEMATICSGE-1Differential Calculus56302017ENVIRONMENTAL STUDIESGE-1Differential Calculus56302017CHEMISTRYCC-3Inorganic Chemistry-I66362018CHEMISTRYCC-4Organic Chemistry-II66362018COMmunicative English/MILGE-2Differential Equations46242018CHEMISTRYCC-6Inorganic Chemistry-II86482018CHEMISTRYCC-6Inorganic Chemistry-III86482018CHEMISTRYCC-6Inorganic Chemistry-III86482018CHEMISTRYGE-3Thermal Physics and Statistical Mechanics56302019CHEMISTRYSEC-1Basic Analytical Chemistry-III66362019CHEMISTRYSEC-1Basic Analytical Chemistry-III66302019CHEMISTRYCC-9Inorganic Chemistry-III56302019CHEMISTRYSEC-1Basic Analytical Chemistry-III56302019CHEMISTRYSEC-1Basic Analytical Chemistry-III56302019CHEMISTRYSEC-2Pharmaceutical Che	Subject         Course Code         Course Title         Grade (G)         Credit V(M)         Grade Point (GN)         Credit Point (GN)         Grade Point (GN)         Credit Point (GN)         Grade Point (GN)         Credit Point (GN)         Grade Point (GN)         Credit Point 	Subject         Course Code         Course Title         Grade (G)         Credit Value (G)         Grade Value (G)         Credit Value (G)         Credit Va	

Date of Publication of Result : 29.10.2020

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

Anindya Zohi Pal
Controller of Examinations

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

#### **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: JAYASHREE SASMAL

**Honours: PHYSICS** 

Roll No. 170340100029

Semester	Subject Cours		Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the sis of	Result
No.	Subject	Code	Course The	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	PHYSICS	CC-1	Mathematical Physics-I	4	6	24	2017			
		CC-2	Mechanics	4	6	24	2017			
Ι	MATHEMATICS	GE-1	Differential Calculus	5	6	30	2019	4.00	4.64	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	PHYSICS	CC-3	Electricity and Magnetism	5	6	30	2018			
	PHI SICS	CC-4	Waves and Optics	4	6	24	2019			
II	MATHEMATICS	GE-2	Differential Equations	4	6	24	2018	4.50	4.60	Q
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2018			
		CC-5	Mathematical Physics-II	5	6	30	2018			
III	PHYSICS	CC-6	Thermal Physics	4	6	24	2018			
		CC-7	Digital Systems and Applications	6	6	36	2018	5.00	5.54	Q
	CHEMISTRY	GE-3	hemical Energetic, Equilibria, Organic 7 hemistry		6	42	2018	5.00		
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting		2	12	2018			
	CC-8		Mathematical Physics-III	5	6	30	2019			
	PHYSICS	CC-9	Elements of Modern Physics	5	6	30	2019			
		CC-10	Analog Systems & Applications	5	6	30	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2019	5.00	5.85	Q
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	7	2	14	2019			
	PHYSICS	CC-11	Quantum Mechanics and Applications	7	6	42	2019			
V	rn151C5	CC-12	Solid State Physics	6	6	36	2019	5.75	5.75	Q
	PHYSICS	DSE-1	Advanced Mathematical Physics	6	6	36	2019	5.75	5.75	V V
	11115105	DSE-2	Classical Dynamics	4	6	24	2019			
	PHYSICS	CC-13	Electromagnetic Theory	9	6	54	2020			
VI	rn151C5	CC-14	Statistical Mechanics	9	6	54	2020	9.00	9.00	Q
			Nuclear and Particle Physics	8	6	48	2020	9.00	9.00	
			Astronomy and Astrophysics 10 6 60				2020			
	umulative Grade Point Av umulative Grade Point Av						Letter Gr CGPA		Result	: Q

Date of Publication of Result : 29.10.2020

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

Anindya zohi Pal

Controller of Examinations

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

#### **Grade Point Norms:**

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: MANISHA GHOSH

#### Honours: ZOOLOGY

Roll No. 170340100042

Semester Subject		Course	Course Title		Credit	Grade	Credit		on the sis of	Result	
No.	Subject	Code	Course 1itle	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code	
	ZOOLOGY	CC-1	Non-chordates I	6	6	36	2017				
	2001001	CC-2	Ecology	5	6	30	2017				
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic 8 Chemistry & Aliphatic Hydrocarbons			48	2017	5.50	6.09	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	5	4	20	2017				
ZOOLOGY		CC-3	Non-chordates II	7	6	42	2018				
	2001001	CC-4	Cell Biology	6	6	36	2018				
II	CHEMISTRY GE-2		States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements		6	48	2018	6.50	7.30	Q	
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018				
		CC-5	Chordates	8	6	48	2018				
	ZOOLOGY	ZOOLOGY CC-6		Animal Physiology: Controlling and Coordinating Systems	7	6	42	2018			
III		CC-7	Fundamentals of Biochemistry	8	6	48	2018	7.67	7.62	Q	
	BOTANY	GE-3	Plant Anatomy and Embryology	7	6	42	2018				
	ZOOLOGY	SEC-1	Sericulture		2	18	2018				
		CC-8	Comparative Anatomy of Vertebrates	8	6	48	2019				
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	8	6	48	2019				
IV		CC-10	Immunology	6	6	36	2019	7.33	7.46	Q	
	BOTANY	GE-4	Plant Physiology and Metabolism	7	6	42	2019				
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	10	2	20	2019				
	7001002	CC-11	Molecular Biology	7	6	42	2019				
3.7	ZOOLOGY	CC-12	Genetics	8	6	48	2019		7.75		
V	7001001	DSE-1	Animal Biotechnology	7	6	42	2019	7.75	7.75	Q	
	ZOOLOGY	DSE-2	Parasitology	9	6	54	2019				
	7001001	CC-13	Developmental Biology	9	6	54	2020				
3.71	ZOOLOGY	CC-14	Evolutionary Biology	9	6	54	2020		0.00		
VI	7001003	DSE-3	Animal Behaviour	9	6	54	2020	9.00	9.00	Q	
	ZOOLOGY DSE		Endocrinology 9 6 54				2020	1			
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q	

Date of Publication of Result : 29.10.2020

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Anindya zohi	Pal
Controllor of Examin	otion

Controller of Examinations

Course Types :		CGPA Le	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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1 C2 and C4 as applicable.

#### **Grade Point Norms:**

Oraue rome rorms.				
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: MOUSAM ROY

#### Honours: ZOOLOGY

Roll No. 170340100051

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the sis of	Result
No.	Subject	Code	Course Thie	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	700L0GV	CC-1	Non-chordates I	6	6	36	36 2017			
	ZOOLOGY CC-		plogy 7 6 42 2017							
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	nd Bases, Redox Reactions, General Organic 8 6 48						
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies		4	20	2017			
	ZOOLOGY	CC-3	Non-chordates II	7	6	42	2018			
	2001001	CC-4	Cell Biology 6 6 36 2018							
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018	6.50	6.50 6.80	
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2018			
		CC-5	Chordates	6	6	36	2018			
	ZOOLOGY	CC-6	Animal Physiology: Controlling and Coordinating Systems	7	6	42	2018			
III		CC-7	Fundamentals of Biochemistry	8	6	48	2018	7.00	7.08	Q
	BOTANY	GE-3	Plant Anatomy and Embryology	7	6	42	2018			
	ZOOLOGY	SEC-1	Sericulture	8	2	16	2018			
		CC-8	Comparative Anatomy of Vertebrates	7	6	42	2019			
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	nimal Physiology: Life Sustaining Systems 6 6 36 2019		2019				
IV		CC-10	Immunology	5	6	30	2019	6.00	6.23	Q
	BOTANY	GE-4	Plant Physiology and Metabolism	6	6	36	2019			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	9	2	18	2019			
	ZOOLOGY	CC-11	Molecular Biology	8	6	48	2019			
V	2001001	CC-12	Genetics	8	6	48	2019	8.00	8.00	Q
v	ZOOLOGY	DSE-1	Animal Biotechnology	7	6	42	2019	8.00	8.00	V V
	ZUULUGY	DSE-2	Parasitology	9	6	54	2019			
	ZOOLOGY	CC-13	Developmental Biology	9	6	54	2020			
VI		CC-14	Evolutionary Biology	9	6	54	2020	9.00	9.00	
V I	ZOOLOGY	DSE-3	Animal Behaviour	9	6	54	2020	9.00	9.00	Q
		Endocrinology	9	6	54	2020				
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	::Q

Date of Publication of Result : 29.10.2020

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Anindya Zohi Pal
Controllor of Examination

Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	E (Earl)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### Grade Point Norms:

Oraue rome rorms.				
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: RAJKUMAR BISWAS

#### **Honours: ZOOLOGY**

Roll No. 170340100077

Semester	Seckie -4	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the sis of	Result
No.	Subject	Code	Course The	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	ZOOLOGY	CC-1	Non-chordates I	5	6	30	2017			
	ZUOLOGY CC		ology 6 6 36 2017							
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	d Bases, Redox Reactions, General Organic 6 6 36						
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	5	4	20	2017			
	ZOOLOGY	CC-3	Non-chordates II	8	6	48	2018			
	ZUULUGY	CC-4	Cell Biology	5	6	30	2018	]		1
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018	6.50	6.50 6.60	
	Communicative English/MIL	AECC-2	-2 Bengali 9 2 18 2018							
		CC-5	Chordates	7	6	42	2018			
	ZOOLOGY	CC-6	Animal Physiology: Controlling and Coordinating Systems	7	6	42	2018			
III		CC-7	Fundamentals of Biochemistry	6	6	36	2018	6.67	6.38	Q
	BOTANY	GE-3	Plant Anatomy and Embryology	5	6	30	2018			
	ZOOLOGY	SEC-1	Sericulture	8	2	16	2018			
		CC-8	Comparative Anatomy of Vertebrates	7	6	42	2019			
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems 7 6 42 2019							
IV		CC-10	Immunology	5	6	30	2019	6.33	6.23	Q
	BOTANY	GE-4	Plant Physiology and Metabolism	5	6	30	2019			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	9	2	18	2019			
	ZOOLOGY	CC-11	Molecular Biology	7	6	42	2019			
V	2001001	CC-12	Genetics	7	6	42	2019	7.25	7.25	
v	ZOOLOGY	DSE-1	Animal Biotechnology	7	6	42	2019	1.23	1.23	Q
	ZUULUGY	DSE-2	Parasitology	8			]			
	7001002	CC-13	Developmental Biology	9	6	54	2020			
VI	ZOOLOGY	CC-14	Evolutionary Biology	9	6	54	2020	9.00	9.00	
VI	7001002	DSE-3	Animal Behaviour	9	6	54	2020	9.00	9.00	Q
	ZOOLOGY	DSE-4	Endocrinology	9	6	54	2020	1		
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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Aningra Zoh Pal Controller of Examinations

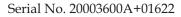
Course Types :		CGPA Le	tter Grades	Result Codes:	
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)		1	NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

Grade I onte i toring.		-	
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: SHANKHA GHOSH

#### Honours: ENVIRONMENTAL SCIENCE

Roll No. 170340100097

Semester		Subject Course Course Title Grade		Grade	Grade Credit		Credit	1	on the sis of	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	ENVIRONMENTAL	CC-1	Fundamentals of Environment	9	6	54	2017			
	SCIENCE	CC-2	Environmental Biology 9 6 54 2017							
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	d Bases, Redox Reactions, General Organic 8 6					8.36	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	ENVIRONMENTAL	CC-3	Environmental Chemistry	9	6	54	2018			
	SCIENCE	CC-4	Environmental Physics	8	6	48	2018			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018	8.50	8.00	Q
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2018			
		CC-5	Earth Science	9	6	54	2018			
	ENVIRONMENTAL SCIENCE	CC-6	Environmental Resources	9			2018			
ш	SCIENCE	CC-7	Green Chemistry & Environmental Applications	9	6	54	2018	9.00	8.77	Q
	ZOOLOGY	GE-3	Physiology and Biochemistry	8	6	48	2018	5.00	0.77	×
	ENVIRONMENTAL SCIENCE	SEC-1	Remote Sensing & Geographical Information System (GIS)	9	2	18	2018			
	ENVIRONMENTAL SCIENCE	CC-8	Ecotoxicology & Environmental Biotechnology	9	6	54	2019			
		CC-9	Environmental Laws, Policies & Environmental Impact Assessment	8	6	48	2019			
IV		CC-10	Natural Hazards & Management & Waste Management	7	6	42	2019	8.00	7.92	Q
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2019			
	ENVIRONMENTAL SCIENCE	SEC-2	Conservation & Ecotourism	7	2	14	2019			
	ENVIRONMENTAL	CC-11	Environmental Pollution	8	6	48	2019			
	SCIENCE	CC-12	Environmental Engineering & Statistics	8	6	48	2019			
V	ENVIRONMENTAL SCIENCE	DSE-1	Environmental Pollution & Monitoring Techniques	7	6	42	2019	7.75	7.75	Q
	SCIENCE	DSE-2	Environmental Health & Stress Physiology	8	6	48	2019			
	ENVIRONMENTAL	CC-13	Environmental Economics & Management	8	6	48	2020			
VI	SCIENCE	CC-14	Wildlife Management & Conservation	10	6	6 60 2020				
V I	ENVIRONMENTAL DSE-3 Water & Water resources		Water & Water resources	9	6	54	2020	9.00 9.00		Q
	SCIENCE	DSE-4	-4 Solid Waste Management 9 6				2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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

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

Anindya zoti Pal

Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

### **Grade Point Norms:**

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: SIPRA DE

**Honours: PHYSICS** 

Roll No. 170340100105

Semester		Course		Grade	Credit	Grade	Credit		on the	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	PHYSICS	CC-1	Mathematical Physics-I	7	6	42	2017			
	CC-2		Mechanics	echanics 5 6 30 2017						
I	MATHEMATICS	GE-1	Differential Calculus	2017	6.00	6.36	Q			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	5	4	20	2017			
	PHYSICS	CC-3	Electricity and Magnetism		6	24	2018			
	PHI SICS	CC-4	Waves and Optics	4	6	24	2018			
II	MATHEMATICS	GE-2	Differential Equations	6	6	36	2018	4.00	5.10	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Mathematical Physics-II	9	6	54	2018			
	PHYSICS	CC-6	Thermal Physics	5	6	30	2018			
Ш		CC-7	Digital Systems and Applications	6	6	36	2018	6.67	6.54	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	hemistry 6 6 36						X
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting		2	14	2018			
	PHYSICS CC	CC-8	Mathematical Physics-III	4	6	24	2019			
		CC-9	Elements of Modern Physics 4 6		24	2019				
		CC-10	Analog Systems & Applications	6	6	36	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	4.67	5.31	Q
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	6	2	12	2019			
	PHYSICS	CC-11	Quantum Mechanics and Applications	7	6	42	2019			
v	PHYSICS	CC-12	Solid State Physics	6	6	36	2019			SNC
v	PHYSICS	DSE-1	Advanced Mathematical Physics	7	6	42	2019			SINC
	PHYSICS	DSE-2	Classical Dynamics	NA	6	NA				
	PHYSICS	CC-13	Electromagnetic Theory	8	6	48	2020			
N/I	PHYSICS	CC-14	Statistical Mechanics	9	6	54	2020	9.50	9.50	
VI	PHYSICS	DSE-3	Nuclear and Particle Physics	8	6	48	2020	8.50	8.50	Q
	rni sius	DSE-4	Astronomy and Astrophysics	· · · · · · · · · · · · · · · · · · ·						
· · · · · · · · · · · · · · · · · · ·	umulative Grade Point Av	0 /						etter Grade in		PNC
CGPA (C	umulative Grade Point Av	verage) on th	e basis of All Courses :				CGP	A :	itesuit .	1110

Date of Publication of Result : 29.10.2020

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

# Anindya zohi Pal

Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

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: SOURAV KONER

#### Honours: ZOOLOGY

Roll No. 170340100120

Semester		Course		Grade	Credit	Grade	Credit		on the sis of	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (GXV)	Retained Year	CCs & DSEs	All Courses	Code
	ZOOLOGY	CC-1	Non-chordates I	5	6	30	2017			
	2001001	CC-2	Ecology	5	6	30	2017			
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2017	5.00	5.64	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	ZOOLOGY	CC-3	Non-chordates II	6	6	36	2018			
	2001001	CC-4	Cell Biology	6	6	36	2018			
Π	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018	6.00	6.30	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Chordates	6	6	36	2018			
	ZOOLOGY	CC-6	Animal Physiology: Controlling and Coordinating Systems		6	42	2018		<	
III		CC-7	Fundamentals of Biochemistry	8	6	48	2018	8 7.00	6.85	Q
	BOTANY	GE-3	Plant Anatomy and Embryology		6	36	2018			
	ZOOLOGY	SEC-1	Sericulture	8	2	16	2018			
		CC-8	Comparative Anatomy of Vertebrates	7	6	42	2019			
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	7	6	42	2019			
IV	CC-	CC-10	Immunology		6	36	2019	6.67	6.92	Q
	BOTANY	GE-4	Plant Physiology and Metabolism	7	6	42	2019			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	9	2	18	2019			
	ZOOLOGY	CC-11	Molecular Biology	8	6	48	2019			
V	2001001	CC-12	Genetics	8	6	48	2019	7.75	7.75	
v	ZOOLOGY	DSE-1	Animal Biotechnology	7	6	42	2019	1.15	1.15	Q
	ZUULUGY	DSE-2	Parasitology	8	6	48	2019			
	7001002	CC-13	Developmental Biology	9	6	54	2020			
VI	ZOOLOGY	CC-14	Evolutionary Biology	9	6	54	2020	9.00	0.00	
V 1	ZOOLOGY	DSE-3 Animal Behaviour		9	6 54 2020 9.	9.00	9.00	Q		
		DSE-4	Endocrinology 9 6 54			54	2020			
· · · · · · · · · · · · · · · · · · ·	umulative Grade Point Av umulative Grade Point Av	0 /					Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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

Anindya	Zohi Pal
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Controller of Examinations

Course Types :		CGPA Le	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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

Grade rount 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: HOIMANTI MONDAL

#### **Honours: MATHEMATICS**

Roll No. 170340300025

Semester		Course	Code Course Title		Credit	Grade	Credit		on the sis of	Result
No.	Subject	Code			Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2019			
	MATHEMATICS	CC-2	Algebra	4	6	24	2017	]		
Ι			Mechanics	5	6	30	2017	4.00	4.64	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	MATHEMATICS	CC-3	Real Analysis	7	6	42	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	7	6	42	2018			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018	7.00	6.80	Q
	Communicative English/MIL	AECC-2	-	8	2	16	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018			
	III PHYSICS	CC-6	Group Theory I	5	6	30	2018	5.00	5.20	
111		CC-7	Numerical Methods	6	6	36	2018	5.00	5.38	Q
		GE-3	Thermal Physics and Statistical Mechanics   6   6   36				2018			
	MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2018	]		
		CC-8	Riemann Integration and Series of Functions	5	6	30	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	6	6	36	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2019	5.00	5.85	Q
	MATHEMATICS	SEC-2	Graph Theory	7	2	14	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	4	6	24	2019			
V	MATHEMATICS	CC-12	Mechanics I	5	6	30	2019	]		SNC
v		DSE-1	Linear Programming	4	6	24	2019	1		SINC
	MATHEMATICS	DSE-2	Probability & Statistics	NA	6	NA		1		
		CC-13	Metric Spaces and Complex Analysis	9	6	54	2020			
VI	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	9.25	0.25	
V1	MATHEMATICS	DSE-3	Group Theory II	9	6	54	2020	9.25	9.25	Q
	MATHEMATICS	DSE-4	Bio Mathematics 9 6 54				2020	]		
	umulative Grade Point Av umulative Grade Point Av						Letter G CGP		Result :	PNC

Date of Publication of Result : 29.10.2020

$$SGPA\left(S\right) = \frac{\overset{n}{\underset{i=1}{\overset{\Sigma}{=}}}(G_{i} \times V_{i})}{\overset{n}{\underset{i=1}{\overset{\Sigma}{=}}}V_{i}} \qquad CGPA = \frac{\overset{N}{\underset{i=1}{\overset{\Sigma}{=}}}(V_{i} \times S_{i})}{\overset{N}{\underset{i=1}{\overset{\Sigma}{=}}}V_{i}}$$

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Controller of Examinations

Course Types :		CGPA Le	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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

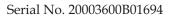
#### **Grade Point Norms:**

Grade i onit i torms.	_	-		
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: JAYANTA MONDAL

Honours: ZOOLOGY

Roll No. 170340300027

Semester		Course		Grade	Credit	Grade	Credit	1	on the sis of	Resul
No.	Subject	Code	Course 1itie		Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	700L0CV	CC-1	Non-chordates I	4	6	24	2017			
	ZOOLOGY		Ecology	6	24	2017				
Ι	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	4	6	24	2017	4.00	4.55	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	7001003	CC-3	Non-chordates II	5	6	30	2018			
	ZOOLOGY	CC-4	Cell Biology	5	6	30	2018			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	4	6	24	2018	5.00	4.90	Q
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2018			
		CC-5	Chordates	5	6	30	2018			
	ZOOLOGY	CC-6	Animal Physiology: Controlling and Coordinating Systems	6	6	36	2018			
III		CC-7	Fundamentals of Biochemistry	4	6	24	2018	5.00	5.08	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2018			
	ZOOLOGY	SEC-1	Apiculture	6	2	12	2018			
		CC-8	Comparative Anatomy of Vertebrates	4	6	24	2019			
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	5	6	30	2019			
IV		CC-10	Immunology	7	6	42	2020	5.33	5.15	Q
	BOTANY	GE-4	Plant Physiology and Metabolism	4	6	24	2019			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	7	2	14	2020			
	ZOOLOGY	CC-11	Molecular Biology	5	6	30	2019			
V	2001001	CC-12	Genetics	6	6	36	2019	5.00	5.00	
v	ZOOLOGY	DSE-1	Animal Biotechnology	4	6	24	2019	5.00	5.00	Q
	2001001	DSE-2	Parasitology	5	6	30	2019			
	ZOOLOGY	CC-13	Developmental Biology	6	6	36	2020			
VI		CC-14	Evolutionary Biology	8	6	48	2020	7.00	7.00	
V 1	700L0CV	DSE-3 Wild life Conservation		8	6	48	2020	/.00	/.00	Q
	ZOOLOGY DSE-4 Endocrinology				6	36	2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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Anindya Zohi Pal
Controller of Examinations

Course Types :		CGPA Le	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
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SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1 C2 and C4 as applicable.

#### Grade Point Norms:

OT WAY I OTHER TOTHEST							
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: KOUSHIK DUTTA

#### **Honours: MATHEMATICS**

Roll No. 170340300029

Semester		Course		Grade	Credit	Grade	Credit	SGPA on the basis of		Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017			
I	WATHEWATICS	CC-2	Algebra		6	36	2017			
	PHYSICS	GE-1	Mechanics	6	6	36	2017	5.50	5.73	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	MATHEMATICS	CC-3	Real Analysis	8	6	48	2018			
II		CC-4	Differential Equations and Vector Calculus	6	48	2018		7.20	Q	
	CHEMISTRY GE-2		States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018			8.00 7.2
	Communicative English/MIL	AECC-2			2	18	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018			
III	MATHEMATICS	CC-6	Group Theory I	10	6	60	2018	- 7 22	7.00	
		CC-7	Numerical Methods		6	42 2018	1.55	7.92	Q	
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	9	6	54	2018			
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2018			
	CC-8Riemann Integration and Series of Functions7642MATHEMATICSCC-9Multivariate Calculus7642	2019								
		CC-9	Multivariate Calculus	7	6	42	2019			
		CC-10	Ring Theory and Linear Algebra I	9	6	54	2019			
IV	CHEMISTRY GE-4 Electroch		Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2019	7.67	7.92	Q
	MATHEMATICS	SEC-2	Graph Theory		2	20	2019			
	IMATHEMATICS –	CC-11	Partial Differential Equations and Applications	9	6	54	2019			
V		CC-12	Linear Programming 9		6	48	2019	8.25	8.25	Q
V	MATHEMATICS	DSE-1			6	54	2019	0.23		
	MATHEMATICS	DSE-2			6	42	2019			
VI	MATHEMATICS CC-		Metric Spaces and Complex Analysis	10	6	60	2020			
	WIAT DEWIATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	9.75	0.75	
V I			Group Theory II 10 6		60	2020	9.75	9.75	Q	
			tio Mathematics 9 6 54 2020							
`	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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

Aningra Zoh Pal Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)		1	NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

Grade i oline (vorins:							
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: PUSHPAK MANDI

**Honours: PHYSICS** 

Roll No. 170340300049

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the sis of	Result
No.	Subject	Code	Course Thie	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	PHYSICS	CC-1	Mathematical Physics-I	7	6	42	2017			
	rni sics	CC-2	Mechanics	4	6	24	2017			
Ι	MATHEMATICS	GE-1	Differential Calculus	5	6	30	2019	5.50	5.45	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	PHYSICS	CC-3	Electricity and Magnetism	4	6	24	2019			
	PHISICS	CC-4	Waves and Optics	7	6	42	2020			
II	CHEMISTRY GE-2		States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements		6	24	2018	5.50	5.20	Q
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2018			
	_	CC-5	Mathematical Physics-II	4	6	24	2018			
	PHYSICS	CC-6	Thermal Physics	4	6	24	2018			
III		CC-7	Digital Systems and Applications	5	6	30	2018	4.33	4.23	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	4	6	24	2019	1.55	1.23	
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	4	2	8	2018			
		CC-8	Mathematical Physics-III	5	6	30	2019			
	PHYSICS	CC-9	Elements of Modern Physics	4	6	24	2019			
IV		CC-10	Analog Systems & Applications	5	6	30	2019	4.67	4.69	Q
	MATHEMATICS	GE-4	Algebra	4	6	24	2019			
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	7	2	14	2020			
	PHYSICS	CC-11	Quantum Mechanics and Applications	4	6	24	2019			
V	11115105	CC-12	Solid State Physics	4	6	24	2019			SNC
v	PHYSICS	DSE-1	Advanced Mathematical Physics	4	6	24	2019			SINC
	11115105	DSE-2	Classical Dynamics	NA	6	NA				
	PHYSICS	CC-13	Electromagnetic Theory	8	6	48	2020			
VI	1115105	CC-14	Statistical Mechanics	7	6	42	2020	8.00	8.00	Q
11	PHYSICS	DSE-3	Nuclear and Particle Physics	8	6	48	2020	0.00	0.00	
	DSE		Applied Dynamics	54	2020					
	Sumulative Grade Point Av						Letter Gr CGP		Result :	PNC

Date of Publication of Result : 29.10.2020

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

Aningra Zoh Pal Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### Grade Point Norms:

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: SHISAM GHOSH

#### **Honours: MATHEMATICS**

Roll No. 170340300064

Semester		Course		Grade	Credit	Grade	Credit	1	on the	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2019			
	MATHEMATICS	CC-2	Algebra	5	6	30	2018			
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	4	6	24	2017	5.00	4.91	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	MATHEMATICS	CC-3	Real Analysis	4	6	24	2019			
	WATHEWATICS	CC-4	Differential Equations and Vector Calculus	30	2018			1		
Π	CHEMISTRY GE-2		States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	4	6	24	2018	4.50	4.80	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces		6	24	2019			
***	MATHEMATICS	CC-6	Group Theory I	5	6	30	2018	5.00	5.00	
III		CC-7	Numerical Methods	6	6	36	2018	5.00	5.23	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	5	2	10	2018			
		CC-8	Riemann Integration and Series of Functions	4	6	24	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	4	6	24	2019			
IV		CC-10	Ring Theory and Linear Algebra I	8	6	48	2020	5.33	5.38	Q
	PHYSICS	GE-4	Waves and Optics	5	6	30	2019			
	MATHEMATICS	SEC-2	Graph Theory	7	2	14	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2019			
V		CC-12	Mechanics I	5	6	30	2019	5.25	5.25	Q
v	MATHEMATICS	DSE-1	Linear Programming	5	6	30	2019	5.25	5.25	
	WATTEWATES	DSE-2	Probability & Statistics	5	6	30	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
VI			Ring Theory and Linear Algebra II	10	6	60	2020	9.75	9.75	Q
v 1	MATHEMATICS	DSE-3	Group Theory II	9	6	54	2020	2.15	2.15	
		DSE-4	Bio Mathematics	60	2020					
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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

Aningra Zoh Pal Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

Of auc I offic 100 ms.				
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: SOMNATH KARMAKAR

#### **Honours: BOTANY**

Roll No. 170340300075

Semester		Course		Grade	Credit	Grade	Credit		A on the sis of	Result	
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code	
	BOTANY	CC-1	Microbiology and Phycology	5	6	30	2017				
	BUIANI	CC-2	Archegoniatae	5	6	30	2017				
Ι	ZOOLOGY	GE-1	Animal Diversity	5	6	30	2017	5.00	5.18	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017				
	BOTANY	CC-3	Mycology and Phytopathology	5	6	30	2018				
	BUIANI	CC-4	Morphology and Anatomy of Angiosperms	5	6	30	2018				
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018	5.00	5.50	Q	
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2018				
		CC-5	Plant Ecology and Phytogeography	5	6	30	2018				
	BOTANY	CC-6	Plant Systematics	4	6	24	2019				
Ш		CC-7	Economic Botany	5	6	30	2018	4.67	4.69	Q	
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2018				
	BOTANY	SEC-1	Medicinal Botany	4	2	8	2018				
		CC-8	Palaeobotany & Palynology	6	6	36	2020				
	BOTANY	CC-9	Biomolecules and Cell Biology	5	6	30	2019				
IV		CC-10	Molecular Biology	6	6	36	2020	5.67	5.15	Q	
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	4	6	24	2019				
	BOTANY	SEC-2	Plant Diversity & Human Welfare	4	2	8	2019				
	BOTANY	CC-11	Plant Physiology	NA	6	NA					
V	Bonnut	CC-12	Plant Metabolism	4	6	24	2019			SNC	
	BOTANY		Reproductive Biology of Angiosperms	4	6	24	2019			BIVE	
	Bonnun	DSE-2	Natural Resource Management	6	6	36	2019				
	BOTANY	CC-13	Genetics & Plant Breeding	7	6	42	2020				
	Bonnut	CC-14	Plant Biotechnology	5	6	30	2020				
VI		DSE-3	Plant Evolution & Biodiversity	7	6	42	2020	6.50	6.50	Q	
	BOTANY	DSE-4	Horticulture Practices & Post-Harvest 7 6				2020				
	Cumulative Grade Point Av						Letter G		Result :	PNC	
CGPA (C	Cumulative Grade Point Av	verage) on th	e basis of All Courses :				CGP	A :	itesuit .	1110	

Date of Publication of Result : 29.10.2020

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

## Anindya Zohi Pal

Controller of Examinations

Course Types :		CGPA Let	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### Grade Point Norms:

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: SOUMI MONDAL

#### **Honours: MATHEMATICS**

Roll No. 170340300078

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the sis of	Result
No.	Subject	Code	Course Thie	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	6	6	36	2017			
	MATHEMATICS	CC-2	Algebra	5	6	30	2017	]		
Ι	PHYSICS	GE-1	Mechanics	5	6	30	2017	5.50	5.64	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS	CC-3	Real Analysis	8	6	48	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	7	6	42	2018			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018	7.50	7.20	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2018			
	MATHEMATICS	CC-6	Group Theory I	10	6	60	2018		7.00	
III		CC-7	Numerical Methods	7	6	42	2018	7.67	7.62	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	8	6	48	2018			
	MATHEMATICS	SEC-1	Logic and Sets	2	12	2018				
		CC-8	Riemann Integration and Series of Functions	6	6	36	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	6	6	36	2019			
		CC-10	Ring Theory and Linear Algebra I	9	6	54	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2019	7.00	7.46	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2019			
v	MATHEMATICS	CC-12	Mechanics I	7	6	42	2019	6.75	6.75	
v		DSE-1	Linear Programming	6	6	36	2019	0.75	0.75	Q
	MATHEMATICS	DSE-2	Probability & Statistics	7	6	42	2019	1		
		CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
171	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	0.75	0.75	
VI	MATHEMATICS	DSE-3	Group Theory II	9	6	54	2020	9.75	9.75	Q
	MATHEMATICS	DSE-4	Bio Mathematics 10 6 60				2020	1		
· · · · ·	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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

Aningra Zoh Pal Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	E (Eail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

Grude i onte i torinst				
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: SOURAV KARMAKAR

#### **Honours: PHYSICS**

Roll No. 170340300081

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	SGPA on the basis of		Result	
No.	Subject	Code	Course Thie	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code	
	PHYSICS	CC-1	Mathematical Physics-I	7	6	42	2017				
	11115105	CC-2	Mechanics	5	6	30	2017				
Ι	MATHEMATICS	GE-1	Differential Calculus	NA	6	NA				SNC	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	5	4	20	2017				
	PHYSICS	CC-3	Electricity and Magnetism	5	6	30	2018				
	PHI SICS	CC-4	Waves and Optics	5	6	30	2018				
II	CHEMISTRY GE-		States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018	5.00	5.30	Q	
	Communicative English/MIL	LAECC-2 Benga		Bengali	8	2	16	2018			
		CC-5	Mathematical Physics-II	5	6	30	2018				
	PHYSICS	CC-6	Thermal Physics	5	6	30	2018				
III		CC-7	Digital Systems and Applications	6	6	36	2018	5.33	5.00	Q	
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	4	6	24	2018	5.55	5.00	×	
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	5	2	10	2018				
		CC-8	Mathematical Physics-III	5	6	30	2019				
	PHYSICS	CC-9	Elements of Modern Physics	6	6	36	2019				
IV		CC-10	Analog Systems & Applications	5	6	30	2019	5.33	5.15	Q	
	MATHEMATICS	GE-4	Algebra	5	6	30	2019				
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	4	2	8	2019				
	PHYSICS	CC-11	Quantum Mechanics and Applications	6	6	36	2019				
V	rn151C5	CC-12	Solid State Physics	6	6	36	2019			SNC	
v	PHYSICS	DSE-1	Advanced Mathematical Physics	7	6	42	2019			SINC	
	rn151C5	DSE-2	Classical Dynamics	NA	6	NA					
	PHYSICS	CC-13	Electromagnetic Theory	8	6	48	2020				
VI	rn151C5	CC-14	Statistical Mechanics	7	6	42	2020	7.50	7.50	0	
V I	PHYSICS	DSE-3 Nuclear and Particle Physics 6 6				36	2020	7.50	7.50	Q	
	PHYSICS	DSE-4 Applied Dynamics 9 6						2020			
	umulative Grade Point Av umulative Grade Point Av						Letter Gr		Result :	PNC	

Date of Publication of Result : 29.10.2020

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

## Anindya zohi Pal

Controller of Examinations

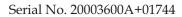
Course Types :		CGPA Letter Grades			Result Codes:		
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified		
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared		
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5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

#### **Grade Point Norms:**

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: SUBHENDU PRAMANICK

#### **Honours: MATHEMATICS**

Roll No. 170340300085

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	1	on the sis of	Result
No.	Subject	Code	Course The	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	8	6	48	2017			
	MATHEMATICS	CC-2	Algebra	8	6	48	2017			
Ι	PHYSICS	GE-1	Mechanics	5	6	30	2017	8.00	6.82	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	MATHEMATICS	CC-3	Real Analysis	9	6	54	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	10	6	60	2018			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018	9.50	8.70	Q
	Communicative English/MIL	AECC-2	Bengali	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $						
		CC-5 Theory of Real Functions & Introduction to Metric Spaces		9	6	54	2018			
	MATHEMATICS	CC-6	Group Theory I	9	6	54	2018		0.05	
III		CC-7	Numerical Methods	9	6	54	2018	9.00	8.85	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	8	6	48	2018			
	MATHEMATICS	MATICS         SEC-1         Logic and Sets         10         2         20         2018								
		CC-8	Riemann Integration and Series of Functions	9	6	54	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	8	6	48	2019			
		CC-10	Ring Theory and Linear Algebra I	10	6	60	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	9.00	8.62	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			Q Q Q Q Q
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2019			
V	MATHEMATICS	CC-12	Mechanics I	9	6	54	2019	8.50	8.50	
V		DSE-1	Point Set Topology	8	6	48	2019	8.50	8.50	Q
	MATHEMATICS	DSE-2	Probability & Statistics	8	6	48	2019			
		CC-13	Metric Spaces and Complex Analysis	9	6	54	2020			
3.71	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	0.25	0.25	
VI		DSE-3	Group Theory II	9	6	54	2020	9.25	9.25	Q
	MATHEMATICS	DSE-4	Bio Mathematics	54	2020	1				
· · · · ·	umulative Grade Point Av umulative Grade Point Av				•		Letter G CGPA		Result	::Q

Date of Publication of Result : 29.10.2020

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

Aningra Zoh Pal Controller of Examinations

Course Types :		CGPA Le	tter 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		
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]		
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)		1	NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.		

#### **Grade Point Norms:**

Grade I ome Horms.										
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: AMARTYA MANDAL

#### **Honours: PHYSICS**

Roll No. 170340400003

Semester		Course		Grade	Credit	Grade	Credit		a on the sis of	Result	
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code	
	PHYSICS	CC-1	Mathematical Physics-I	5	6	30	2017				
	11115105	CC-2	Mechanics	4	6	24	2017				
Ι	MATHEMATICS	GE-1	Differential Calculus	5	6	30	2017	4.50	4.91	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017				
	PHYSICS	CC-3	Electricity and Magnetism	4	6	24	2018				
	rn13iC3	CC-4	Waves and Optics	6	6	36	2018				
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2020	5.00	6.20	Q	
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2018				
		CC-5	Mathematical Physics-II	6	6	36	2018				
	PHYSICS	CC-6	Thermal Physics	4	6	24	2018				
III		CC-7	Digital Systems and Applications	8	6	48	2018	6.00	6.08	Q	
	MATHEMATICS	GE-3	Real Analysis	6	6	36	2019				
	PHYSICS SEC-1 R		Renewable Energy and Energy Harvesting	7	2	14	2018				
	PHYSICS	CC-8	Mathematical Physics-III	4	6	24	2019				
		CC-9	Elements of Modern Physics	8	6	48	2020				
		CC-10	Analog Systems & Applications	7	6	42	2019				
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019	6.33	6.31	Q	
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	7	2	14	2019				
	PHYSICS	CC-11	Quantum Mechanics and Applications	7	6	42	2019				
V	rn151C5	CC-12	Solid State Physics	5	6	30	2019			SNC	
v	PHYSICS	DSE-1	Advanced Mathematical Physics	7	6	42	2019			SINC	
	rn151C5	DSE-2	Classical Dynamics	NA	6	NA					
	PHYSICS	CC-13	Electromagnetic Theory	9	6	54	2020				
VI	11115105	CC-14	Statistical Mechanics	8	6	48	2020	8.50	8.50	Q	
	PHYSICS	DSE-3	Nuclear and Particle Physics	8	6	48	2020	0.50	0.50		
	DSE-4 A		Astronomy and Astrophysics 9 6 54				2020				
	umulative Grade Point Av umulative Grade Point Av						Letter G CGP		Result :	PNC	

Date of Publication of Result : 29.10.2020

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

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	E (Foil)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### Grade Point Norms:

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)

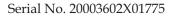
## Percentage Conversion Formula:

= (SGPA or CGPA ×10) - 5.0

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

Anindya zohi Pal

### Controller of Examinations





Name: ARNAB CHAKRABORTY

#### **Honours: MATHEMATICS**

Roll No. 170340400019

Semester	Subia -4	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the sis of	Result
No.	Subject	Code	Course The	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2017			
	MATHEMATICS	CC-2	Algebra	4	6	24	2017			
Ι	PHYSICS	GE-1	Mechanics	5	6	30	2017	4.00	4.64	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	MATHEMATICS	CC-3	Real Analysis	7	6	42	2019			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	4	6	24	2018			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	4	6	24	2018	5.50	5.50	Q
Communicative English/MIL     AECC-2     Beng       CC-5     Theo Metri		Bengali	10	2	20	2018				
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	NA	6	NA				
	MATHEMATICS	CC-6	Group Theory I	4	6	24	2019			aug
III		CC-7	Numerical Methods	4	6	24	2019			SNC
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	36	2018					
	MATHEMATICS	SEC-1	GE-3 Thermal Physics and Statistical Mechanics 6 6		2	14	2018			
	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	4	6	24	2019			
		CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	4.33	5.31	Q
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2019			
V	MATHEMATICS	CC-12	Mechanics I	NA	6	NA		]		SNC
v	MATHEMATICS	DSE-1	Linear Programming	5	6	30	2019	]		SINC
	MATHEMATICS	DSE-2	Probability & Statistics	5	6	30	2019	]		
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
171	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	
VI	MATHEMATICS	DSE-3	Project Work	6	60	2020	10.00	10.00	Q	
	MATHEMATICS	DSE-4	Mechanics II	60	2020	]				
	umulative Grade Point Av umulative Grade Point Av						Letter G CGP		Result :	PNC

Date of Publication of Result : 29.10.2020

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

1-1	1 1				
Course Types :		CGPA Let	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	E (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### Grade Point Norms

Grade I offit 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

Aningra Zoh Pal Controller of Examinations



Name: SRIJONI PAL

#### **Honours: MATHEMATICS**

Roll No. 170340400100

Semester	C	Course	Course Title	Grade	Credit	Grade	Credit		on the sis of	Result
No.	Subject	Code	Course little	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	NA	6	NA				
	MATHEMATICS	CC-2	Algebra	4	6	24	2017			
Ι	PHYSICS	GE-1	Mechanics	5	6	30	2017			SNC
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	5	4	20	2017			
	MATHEMATICS	CC-3	Real Analysis	4	6	24	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	5	6	30	2019			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018	4.50	5.20	Q
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2019			
	MATHEMATICS	CC-6	Group Theory I	4	6	24	2018	4.00		
III		CC-7	Numerical Methods	4	6	24	2018	4.33	5.15	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	42	2018					
	MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2018			
	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	4	6	24	2019			
		CC-9	Multivariate Calculus	NA	6	NA				
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019			SNC
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2019			
V	MATHEMATICS	CC-12	Mechanics I	NA	6	NA				SNC
v		DSE-1	Linear Programming	6	6	36	2019			SINC
	MATHEMATICS	DSE-2	Probability & Statistics	5	6	30	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
VI	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	
V 1	MATHEMATICS	DSE-3	Project Work	10	6	60	2020	10.00	10.00	Q
		DSE-4	· ·				2020			
	umulative Grade Point Av umulative Grade Point Av						Letter Gr		Result :	PNC

Date of Publication of Result : 29.10.2020

$$\mathrm{SGPA}\left(S\right) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad \mathrm{CGPA} = \frac{\sum\limits_{i=1}^{N} (V_i \times S_i)}{\sum\limits_{i=1}^{N} V_i}$$

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### Grade Point Norms:

Oraue I onit 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

# Aningra Zoh Pal Controller of Examinations



Name: ANUBHAV BANERJEE

#### **Honours: MATHEMATICS**

Roll No. 170340500009

Semester		Course		Grade	Credit	Grade	Credit		on the sis of	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	6	6	36	2017			
	MATHEMATICS	CC-2	Algebra	5	6	30	2017			
Ι	PHYSICS	GE-1	Mechanics	6	6	36	2017	5.50	5.91	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS	CC-3	Real Analysis	9	6	54	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	8	6	48	2018	1		
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2018	8.50	8.30	Q
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2018			
	MATHEMATICS	CC-5 Theory of Real Functions & Introduction to Metric Spaces		5	6	30	2018			
	MATHEMATICS	CC-6	Group Theory I	6	6	36	2018	6.00	6.00	
III		CC-7	Numerical Methods	7	6	42	2018	6.00	6.23	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	42	2018					
	MATHEMATICS	SEC-1	Logic and Sets	2	12	2018				
	MATHEMATICS	CC-8	Riemann Integration and Series of Functions		6	24	2019			
		CC-9	Multivariate Calculus	5	6	30	2019			
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	4.67	5.62	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2019			
v	MATHEMATICS	CC-12	Mechanics I	5	6	30	2019	6.25	6.25	
v	MATHEMATICS	DSE-1	Linear Programming	7	6	42	2019	0.23	0.23	Q
	MATHEMATICS	DSE-2	Probability & Statistics	7	6	42	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020			
VI	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	9	6	54	2020	8.75	8.75	
V1	MATHEMATICS	DSE-3	Group Theory II	9	6	54	2020	8.75	8.73	Q
	MATHEMATICS	DSE-4	Mechanics II 8 6 48				2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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

Aningra Zoh Pal Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

Of auc I offic 100 ms.				
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: DEBANJALI SAHA

Honours: ZOOLOGY

Roll No. 170340500026

Semester		Course		Grade	Credit	Grade	Credit	1	on the sis of	Result	
No.	Subject	Code	Course Title	(G)	Value (V)	Point (GXV)	Retained Year	CCs & DSEs	All Courses	Code	
	ZOOLOGY	CC-1	Non-chordates I	7	6	42	2017				
	2001001	CC-2	Ecology	7	6	42	2017				
Ι	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	7	6	42	2017	7.00	7.00	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017				
	ZOOLOGY	CC-3	Non-chordates II	7	6	42	2018				
	2001001	CC-4	Cell Biology	6	6	36	2018				
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018	6.50	6.60	Q	
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018				
		CC-5	Chordates	7	6	42	2018				
	ZOOLOGY	CC-6	Animal Physiology: Controlling and Coordinating Systems	7	6	42	2018				
III		CC-7	Fundamentals of Biochemistry	6	6	36	2018	6.67	6.77	Q	
	BOTANY	GE-3	Plant Anatomy and Embryology	· · · · · · · · · · · · · · · · · · ·							
	ZOOLOGY	SEC-1	Apiculture	7	2	14	2018	]			
		CC-8	Comparative Anatomy of Vertebrates	7	6	42	2019				
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	6	6	36	2019				
		CC-10	Immunology	6	6	36	2019				
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019	6.33	6.31	Q	
	ZOOLOGY	SEC-2	Medical Diagnostics	7	2	14	2019				
	ZOOLOGY	CC-11	Molecular Biology	6	6	36	2019				
V	2001001	CC-12	Genetics	6	6	36	2019	6.50	6.50	Q	
v	ZOOLOGY	DSE-1	Animal Biotechnology	7	6	42	2019	0.50	0.50	V V	
	2001001	DSE-2	Parasitology	7	6	42	2019				
	ZOOLOGY	CC-13	Developmental Biology	9	6	54	2020				
VI	2002001		Evolutionary Biology	9	6	54	2020	8.75	8.75	Q	
	ZOOLOGY DSE-3		Animal Behaviour	8	6	48	2020	0.75	0.75		
			Endocrinology	9	6	54	2020				
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q	

Date of Publication of Result : 29.10.2020

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

Anindya zohi Pal

Controller of Examinations

Course Types :		CGPA Let	tter 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		
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]		
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)		-	NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.		
	6 to below 7	B+ (Good)					

#### 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: **DIPAN DEY** 

#### **Honours: MATHEMATICS**

Roll No. 170340500036

Semester		Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the sis of	Result
No.	Subject	Code	Course The	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2018			
	MATTEMATICS	CC-2	Algebra	4	6	24	2017			
Ι	PHYSICS	GE-1	Mechanics	5	6	30	2017	4.50	5.09	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS	CC-3	Real Analysis	4	6	24	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	5	6	30	2018			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018	4.50	5.80	Q
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	NA	6	NA				
	MATHEMATICS	CC-6	Group Theory I	5	6	30	2018			ava
III		CC-7	Numerical Methods	7	6	42	2018			SNC
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	2018						
	MATHEMATICS	SEC-1	Logic and Sets	ogic and Sets 10 2 20						
	MATHEMATICS	CC-8	Riemann Integration and Series of Functions		6	24	2019			
		CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	4	6	24	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	4.00	5.08	Q
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	5	6	30	2019			
V	MATHEMATICS	CC-12	Mechanics I	NA	6	NA				SNC
v		DSE-1	Linear Programming	4	6	24	2019			SINC
	MATHEMATICS	DSE-2	Probability & Statistics	4	6	24	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020			
3.71	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	9	6	54	2020		0.00	
VI	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020	9.00	9.00	Q
	MATHEMATICS	DSE-4	Mechanics II	8	6	48	2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G		Result :	PNC

Date of Publication of Result : 29.10.2020

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

1-1	1 1				
Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

Graue rount 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

# Aningra Zoh Pal Controller of Examinations



Name: KAUSTAB KUNDU

#### **Honours: MATHEMATICS**

Roll No. 170340500045

Semester		Course		Grade	Credit	Grade	Credit		on the sis of	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	7	6	42	2017			
	MATHEMATICS	CC-2	Algebra	5	6	30	2017			
Ι	PHYSICS	GE-1	Mechanics	5	6	30	2017	6.00	5.91	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS	CC-3	Real Analysis	6	6	36	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	6	6	36	2018			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	ng & Molecular Structure, P-Block 6 nts 6				6.00	6.40	Q
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	NA	6	NA				
	MATHEMATICS	CC-6	Group Theory I	4	6	24	2018			and
III		CC-7	Numerical Methods	6	6	36	2018			SNC
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	14	2019					
		CC-8	Riemann Integration and Series of Functions	4	6	24	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2020		/	
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	5	6	30	2019	5.00	5.31	Q
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2019			
V	MATHEMATICS	CC-12	Mechanics I	NA	6	NA				SNC
v	MATHEMATICS	DSE-1	Linear Programming	7	6	42	2019			SINC
	MATHEMATICS	DSE-2	Probability & Statistics	6	6	36	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	8	6	48	2020			
VI	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	9.00	9.00	
V I	MATHEMATICS	DSE-3	Group Theory II 10 6			60	2020	9.00	9.00	Q
	MATHEMATICS DSE-4		Mechanics II 8 6 48				2020			
`	umulative Grade Point Av umulative Grade Point Av						Letter G		Result :	PNC

Date of Publication of Result : 29.10.2020

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

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Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

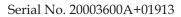
#### **Grade Point Norms:**

Oraue rome 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: MOHAMMAD SAHIL

Honours: ZOOLOGY

Roll No. 170340500054

Semester		Course		Grade	Credit	Grade	Credit		on the	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (GXV)	Retained Year	CCs & DSEs	All Courses	Code
	ZOOLOGY	CC-1	Non-chordates I	9	6	54	2017			
	ZUULUGY	CC-2	Ecology	9	6	54	2017			
Ι	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	8	6	48	2017	9.00	8.36	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	ZOOLOGY	CC-3	Non-chordates II	9	6	54	2018			
	2001001	CC-4	Cell Biology	8	6	48	2018			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2018	8.50	8.40	Q
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2018			
		CC-5	Chordates	9	6	54	2018			
	ZOOLOGY	CC-6	Animal Physiology: Controlling and Coordinating Systems	9	6	54	2018			
III		CC-7	Fundamentals of Biochemistry	9	6	54	2018	9.00	8.92	Q
	BOTANY	GE-3	Plant Anatomy and Embryology	9	6	54	2018			
	ZOOLOGY	SEC-1	Apiculture	8	2	16	2018			
		CC-8	Comparative Anatomy of Vertebrates	9	6	54	2019			
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	8	6	48	2019			
		CC-10	Immunology	7	6	42	2019			-
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2019	8.00	8.00	Q
	ZOOLOGY	SEC-2	Medical Diagnostics	8	2	16	2019			
	ZOOLOGY	CC-11	Molecular Biology	9	6	54	2019			
V	2001001	CC-12	Genetics	8	6	48	2019	9.00	9.00	Q
v	ZOOLOGY	DSE-1	Animal Biotechnology	9	6	54	2019	9.00	9.00	V V
	2001001	DSE-2	Parasitology	10	6	60	2019			
	ZOOLOGY	CC-13	Developmental Biology	10	6	60	2020			
VI		CC-14	Evolutionary Biology	9	6	54	2020	9.25	9.25	Q
V I	700L0GV	DSE-3	Animal Behaviour	9	6	54	2020	9.23	9.23	
	ZOOLOGY DSE-4		Endocrinology 9 6 54				2020			
	Cumulative Grade Point Av						Letter G CGPA		Result	t : Q
CGPA (C	Cumulative Grade Point Av	verage) on th	e basis of All Courses : 8.66				COPA	. A⊤		

Date of Publication of Result : 29.10.2020

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

Anindya zoti Pal

Controller of Examinations

Course Types :		CGPA Let	tter 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	
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.	

Grade Point Norms:

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: PARIKSHIT GHOSH

#### **Honours: MATHEMATICS**

Roll No. 170340500066

Semester		Course		Grade	Credit	Grade	Credit	1	on the	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017			
	WATHEWATICS	CC-2	Algebra	5	6	30	2017			
Ι	PHYSICS	GE-1	Mechanics	6	6	36	2017	5.00	5.45	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	MATHEMATICS	CC-3	Real Analysis	6	6	36	2018			
		CC-4	Differential Equations and Vector Calculus	8	6	48	2018			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018	7.00	6.90	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
	MATHEMATICS	CC-5 Theory of Real Functions & Introduction to Metric Spaces		4	6	24	2018			
	MATHEMATICS	CC-6	Group Theory I	6	6	36	2018	5.22	5.60	
III		CC-7	Numerical Methods	6	6	36	2018	5.33	5.62	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2018			
	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	5	6	30	2019			
		CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019	4.67	5.15	Q
	MATHEMATICS	SEC-2	Graph Theory	7	2	14	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	5	6	30	2019			
V	WATHEWATICS	CC-12	Mechanics I	5	6	30	2019	5.00	5.00	
v		DSE-1	Linear Programming	5	6	30	2019	5.00	5.00	Q
	MATHEMATICS	DSE-2	Probability & Statistics	5	6	30	2019			
		CC-13	Metric Spaces and Complex Analysis	8	6	48	2020			
171	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	9	6	54	2020	0.50	9.50	
VI		DSE-3	Group Theory II	10	6	60	2020	8.50	8.50	Q
	MATHEMATICS	DSE-4	Mechanics II         7         6         42				2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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

Aningra Zoh Pal Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)		1	NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

Of auc I offic 100 ms.				
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: SOUVIK CHATTERJEE

#### **Honours: PHYSICS**

Roll No. 170340500120

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the sis of	Result
No.	Subject	Code	Course The	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	PHYSICS	CC-1	Mathematical Physics-I	7	6	42	2017			
		CC-2	Mechanics	7	6	42	2017			
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2017	7.00	7.27	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	PHYSICS	CC-3	Electricity and Magnetism 7 6		6	42	2018			
	PHISICS	CC-4	Waves and Optics	8	6	48	2018			
II	MATHEMATICS	GE-2	Differential Equations	10	6	60	2018	7.50	8.40	Q
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2018			
		CC-5	Mathematical Physics-II	8	6	48	2018			
	PHYSICS	CC-6	Thermal Physics	7	6	42	2018			
III		CC-7	Digital Systems and Applications	8	6	48	2018	7.67	7.62	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	emistry / 0						×
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	9	2	18	2018			
		CC-8	Mathematical Physics-III		6	42	2019			
	PHYSICS	CC-9	Elements of Modern Physics	8	6	48	2019			
IV		CC-10	Analog Systems & Applications	7	6	42	2019	7.33	7.15	Q
	MATHEMATICS	GE-4	Algebra	7	6	42	2019			
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	6	2	12	2019			
	PHYSICS	CC-11	Quantum Mechanics and Applications	8	6	48	2019			
V	rn151C5	CC-12	Solid State Physics	9	6	54	2019	7.75	7.75	Q
	PHYSICS	DSE-1	Advanced Mathematical Physics	7	6	42	2019	1.15	1.15	V V
	rn151C5	DSE-2	Classical Dynamics	7	6	42	2019			
	PHYSICS	CC-13	Electromagnetic Theory	9	6	54	2020			
VI		CC-14	Statistical Mechanics	9	6	54	2020	8.75	0 75	
	DUVSICS	DSE-3	DSE-3 Nuclear and Particle Physics 8 6 48		48	2020	0.75	8.75	Q	
	rn13lC3	HYSICS	Astronomy and Astrophysics 9 6 54				2020			
	umulative Grade Point Av umulative Grade Point Av						Letter Gr		Result	t : Q

Date of Publication of Result : 29.10.2020

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

Anindya zohi Pal

Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	ncement Course 7 to below 8 A (Very Good) Below 4 F (Fail)		F (Fail)	the basis of CCs and DSEs.<5 or All	
SEC – Skill Elinalecilient Course	7 10 0010 0 8	A (Very Good)	Delow 4	I (I all)	semesters not cleared]
AECC – Ability Enhancement	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1,
Compulsory Course	0.00.0000 /	D+ (0000)			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: TIYASHA BHOWMICK

Honours: ZOOLOGY

Roll No. 170340500154

Semester		Course		Grade	Credit	Grade	Credit	1	on the sis of	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	ZOOLOGY	CC-1	Non-chordates I	8	6	48	2017			
	2001001	CC-2	Ecology	8	6	48	2017	]		
Ι	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	6	6	36	2017	8.00	7.27	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	ZOOLOGY	CC-3	Non-chordates II	8	6	48	2018			
	2001001	CC-4	Cell Biology	7	6	42	2018			
Π	CHEMISTRY GE-2		States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018	7.50	7.00	Q
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
		CC-5	Chordates	9	6	54	2018			
	ZOOLOGY	CC-6	Animal Physiology: Controlling and Coordinating Systems	8	6	48	2018			
III		CC-7	Fundamentals of Biochemistry	7	6	42	2018	8.00	7.77	Q
	BOTANY	GE-3	Plant Anatomy and Embryology	7	6	42	2018			
	ZOOLOGY	SEC-1	Apiculture	8	2	16	2018			
		CC-8	Comparative Anatomy of Vertebrates	8	6	48	2019			
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	7	6	42	2019			
		CC-10	Immunology	6	6	36	2019			_
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019	7.00	6.77	Q
	ZOOLOGY	SEC-2	Medical Diagnostics	7	2	14	2019	]		
	ZOOLOGY	CC-11	Molecular Biology	7	6	42	2019			
V	ZUULUGY	CC-12	Genetics	6	6	36	2019	7.00	7.00	
v	ZOOLOGY	DSE-1	Animal Biotechnology	7	6	42	2019	/.00	7.00	Q
	2001001	DSE-2	Parasitology	8	6	48	2019			
	ZOOLOGY	CC-13	Developmental Biology	10	6	60	2020			
VI		CC-14	Evolutionary Biology	9	6	54	2020	9.25	0.25	Q
V 1	ZOOLOGY	DSE-3	Animal Behaviour		6	54 2020		9.23	9.25	
		DSE-4	Endocrinology 9 6 54				2020			
	Cumulative Grade Point Av						Letter G		Result	t:0
CGPA (C	Cumulative Grade Point Av	verage) on th	e basis of All Courses : 7.52				CGPA	A : A		· •

Date of Publication of Result : 29.10.2020

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

Anindya zyohi Pal

Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.
Grade Point Norms:					

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

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

- (501 A 01 CO1 A X10) - 5.0



Name: RITABRATA DAS

#### **Honours: MATHEMATICS**

Roll No. 170340800012

Semester	Sechie -4	Course	Course Title	Grade	Credit	Grade	Credit	1	on the sis of	Result
No.	Subject	Code	Course The	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2017			
	MATHEMATICS	CC-2	Algebra	NA	6	NA		]		1
Ι	PHYSICS	GE-1	Mechanics	5	6	30	2017	]		SNC
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	5	4	20	2017			
	MATHEMATICS	CC-3	Real Analysis	4	6	24	2019			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	4	6	24	2018			
II	CHEMISTRY GE-2		States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018	4.00	4.70	Q
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2018	2018		
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018			
	MATHEMATICS	CC-6	Group Theory I	5	6	30	2018	5.00	- 20	
III		CC-7	Numerical Methods	6	6	36	2018	5.33	5.38	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	5	6	30	2018			
	MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2018			
		CC-8	Riemann Integration and Series of Functions	NA	6	NA				
	MATHEMATICS	CC-9	Multivariate Calculus	NA	6	NA		]		
		CC-10	Ring Theory and Linear Algebra I	NA	6	NA		]		
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019			SNC
	MATHEMATICS	SEC-2	Graph Theory	5	2	10	2019	]		
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	4	6	24	2019			
V	MATHEMATICS	CC-12	Mechanics I	NA	6	NA		1		SNC
v		DSE-1	Linear Programming	NA	6	NA		1		SINC
	MATHEMATICS	DSE-2	Probability & Statistics	5	6	30	2019			
		CC-13	Metric Spaces and Complex Analysis	9	6	54	2020			
1.71	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	9.75 9.7	0.75	
VI		DSE-3 Group Theory II		10	6	60	2020	9.75	9.75	Q
	MATHEMATICS -	Mechanics II         10         6         60				2020	1			
	umulative Grade Point Av umulative Grade Point Av						Letter G		Result :	PNC

Date of Publication of Result : 29.10.2020

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

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Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

Graue rount 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: SEJUTI SIL

#### **Honours: MATHEMATICS**

Roll No. 170340800017

Semester		Course		Grade	Credit	Grade	Credit	1	on the	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	7	6	42	2017			
	MATHEMATICS	CC-2	Algebra	7	6	42	2017			
Ι	PHYSICS	GE-1	Mechanics	6	6	36	2017	7.00	6.73	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS	CC-3	Real Analysis	8	6	48	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	6	6	36	2018	7		
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018	7.00	7.30	Q
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018	1		
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	8	6	48	2018			
	MATHEMATICS	CC-6	Group Theory I	9	6	54	2018		0.00	
III		CC-7	Numerical Methods	8	6	48	2018	8.33	8.00	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
		CC-8	Riemann Integration and Series of Functions	9	6	54	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	6	6	36	2019			
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2019			Q
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2019	7.67	7.92	
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2019			
V	MATHEMATICS	CC-12	Mechanics I	5	6	30	2019			SNC
v	MATHEMATICS	DSE-1	Linear Programming	NA	6	NA				SINC
	MATHEMATICS	DSE-2	Probability & Statistics	7	6	42	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
VI	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	
	DSE-3		Group Theory II	10	6	60	2020	10.00	10.00	Q
	IMATHEMATICS -		Iechanics II 10 6 60				2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G CGP		Result	PNC

Date of Publication of Result : 29.10.2020

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

Anindya	zohi	Pal
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Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

Of auc I offic 100 ms.				
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: ANKAN MANDAL

#### **Honours: MATHEMATICS**

Roll No. 170340900012

Semester		Course		Grade	Credit	Grade	Credit		on the	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	10	6	60	2017			
	CC-2		gebra 10 6 60 2017							
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2017	10.00	8.91	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS	CC-3	Real Analysis	10	6	60	2018			
	CC-4		Differential Equations and Vector Calculus	ifferential Equations and Vector Calculus 10 6		60	2018			
II	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2018	10.00	9.40	Q
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	8	6	48	2018			
	MATHEMATICS	CC-6	Group Theory I	8	6	48	2018	0.67	0.00	
III		CC-7	Numerical Methods	10	6	60	2018	8.67	8.38	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2018			
		CC-8	Riemann Integration and Series of Functions	8	6	48	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	9	6	54	2019			
		CC-10	Ring Theory and Linear Algebra I	10	6	60	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2019	9.00	9.08	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2019			
V	MATHEMATICS	CC-12	Mechanics I	8	6	48	2019	8.50	8.50	
v	MATHEMATICS	DSE-1	Point Set Topology	7	6	42	2019	8.30	8.30	Q
	MATHEMATICS	DSE-2	Probability & Statistics	9	6	54	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
VI	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	
V1	MATHEMATICS	DSE-3 Group Theory II 10 6 60 2020 10.		10.00	10.00	Q				
	INIA I HENIA I ICS	MATHEMATICS -	Project Work	10	6	60	2020			
	umulative Grade Point Av umulative Grade Point Av	0 /					Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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

Anindya Zohi Pal	
Controller of Examinations	

Controller of Examinations

Course Types :		CGPA Le	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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	E (Earl)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### Grade Point Norms:

Grade I onte i tormo.				
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: KOUSHIK SANTRA

#### **Honours: COMPUTER SCIENCE**

Roll No. 170340900057

Semester	~ • • •	Course		Grade	Credit	Grade	Credit			Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	COMPUTER SCIENCE	CC-1	Programming Fundamentals using C/C++	6	6	36	2017			
	COMI UTER SCIENCE	CC-2	Computer System Architecture	6	6	36	2017			
Ι	PHYSICS	GE-1	Mechanics	5	6	30	2017	6.00	5.55	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	5	4	20	2017			
	COMPUTER SCIENCE	CC-3	Programming in Java	6	6	36	2018			
No.       I       F       S       II       M       III       M       III       NO.       III       NO.       III       NO.       III       NO.       IV       F       V       V	COMPUTER SCIENCE	CC-4	Discrete Structure	6	6	36	2018			
	MATHEMATICS	GE-2	Differential Equations	4	6	24	2018	6.00	5.60	Q
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2018		All Courses 5.55	
	COMPUTER SCIENCE	CC-5	Data Structure	4	6	24	2018			
		CC-6	Operating Systems	4	6	24	2018			
III		CC-7	Computer Networks	5	6	30	2018	4.33	5.23	Q
	MATHEMATICS	GE-3	Real Analysis	7	6	42	2019			
	COMPUTER SCIENCE	SEC-1	Programming in Python	8	2	16	2018			
		CC-8	Design and Analysis of Algorithms	5	6	30	2019			
	COMPUTER SCIENCE	CC-9	Software Engineering	5	6	30	2019			
IV		CC-10	Database Management System	4	6	24	2019	4.67	4.85	Q
	PHYSICS	GE-4	Waves and Optics	4	6	24	2019			
	COMPUTER SCIENCE	SEC-2	UNIX / Linux Programming	9	2	18	2019		All Courses 5.55 5.60 5.23 4.85 8.75	
	COMPUTER SCIENCE	CC-11	Internet Technologies	6	6	36	2019			
	COMPUTER SCIENCE	CC-12	Theory of Computation	NA	6	NA				SNC
	COMPUTER SCIENCE	DSE-1	Microprocessors	6	6	36	2019			SINC
	COMPUTER SCIENCE	DSE-2	System Programming	7	6	42	2019			
	COMPUTER SCIENCE	CC-13	Artificial Intelligence	9	6	54	2020			
VI	COMPUTER SCIENCE	CC-14	Computer Graphics	8	6	48	2020	0.75	0.75	
	COMPUTER SCIENCE	DSE-3	Soft Computing	9	6	54	2020	8.75	0.75	Q
	COMPUTER SCIENCE	DSE-4	Data Mining	9	6	54	2020			
	umulative Grade Point Ave umulative Grade Point Ave						Letter G		Result :	PNC

Date of Publication of Result : 29.10.2020

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

Anindya	Zohi Pal
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Controller of Examinations

Course Types :		CGPA Let	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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)		•	NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

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: MANI SANKAR MANDAL

#### **Honours: PHYSICS**

Roll No. 170340900066

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained			Result
No.	Code		Course flue		(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	PHYSICS	CC-1	Mathematical Physics-I	6 7	6	36	2017			
	11115105	CC-2	Mechanics	2017						
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017	6.50	Courses           6.36           5.20           5.85           5.77	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	5	4	20	2017			
	PHYSICS	CC-3	Electricity and Magnetism	5	6	30	2018			
	PHYSICS	CC-4	Waves and Optics	5	6	30	2018			
II	MATHEMATICS	GE-2	Differential Equations	4	6	24	2018	5.00	5.20	Q
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018		sis of All Courses 6.36 5.20 5.85	
	-	CC-5	Mathematical Physics-II	6	6	36	2018			
	PHYSICS	CC-6	Thermal Physics	5	6	30	2018			
III		CC-7	Digital Systems and Applications	6	6	36	2018	5.67	5.85	Q
III	MATHEMATICS	GE-3	Real Analysis	6	6	36	2018	1	/ 5.85	
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	7	2	14	2018			
		CC-8	Mathematical Physics-III	4	6	24	2019			
	PHYSICS	CC-9	Elements of Modern Physics	5	6	30	2019			
		CC-10	Analog Systems & Applications	7	6	42	2019			
No. I II III V VI CGPA (CC	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	5.33	5.77	Q
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	6	2	12	2019			
	PHYSICS	CC-11	Quantum Mechanics and Applications	6	6	36	2019			
17	PHYSICS	CC-12	Solid State Physics	7	6	42	2019	5 75	5 75	
v	PHYSICS	DSE-1	Advanced Mathematical Physics	6	6	36	2019	CCs & All DSEs         All Courses           6.50         6.36           5.00         5.20           5.67         5.85           5.33         5.77           5.75         5.75           7.50         7.50           orade in         Regula	Q	
	PHYSICS	DSE-2	Classical Dynamics	4	6	24	2019		5.20       5.85       5.77       5.75	
	PHYSICS	CC-13	Electromagnetic Theory	9	6	54	2020			
VI		CC-14	Statistical Mechanics	7	6	42	2020	7.50	7.50	
V I	PHYSICS	DSE-3	Nuclear and Particle Physics	7	6	42	2020	1.50	1.50	Q
	rn i SICS	DSE-4	Astronomy and Astrophysics	7	6	42	2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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

Anindya zohi Pal

Controller of Examinations

Course Types :		CGPA Let	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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)		1	NC denotes "Not Computed" 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: SUBHOJIT BALLAV

#### **Honours: COMPUTER SCIENCE**

Roll No. 170340900176

Semester		Course		Grade	Credit	Grade	Credit			Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	COMPUTER SCIENCE	CC-1	Programming Fundamentals using C/C++	5	6	30	2017			
	COMI OTER SCIENCE	CC-2	Computer System Architecture	6	6	36	2017			
Ι	PHYSICS	GE-1	Mechanics	4	6	24	2017	5.50	5.00	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	5	4	20	2017			
	COMPUTER SCIENCE	CC-3	Programming in Java	6	6	36	2018			
III M III M III M III M C III M C E IV P C V V C V V C C GPA (Cur	COMPUTER SCIENCE	CC-4	Discrete Structure	7	6	42	2018			
	MATHEMATICS	GE-2	Differential Equations	5	6	30	2018	6.50	6.30	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
	COMPUTER SCIENCE	CC-5	Data Structure	5	6	30	2018			
		CC-6	Operating Systems	6	6	36	2018			
III		CC-7	Computer Networks	6	6	36	2018	5.67	7 5.62	Q
	MATHEMATICS	GE-3	Real Analysis	4	6	24	2018			
	COMPUTER SCIENCE	SEC-1	Programming in Python	10	2	20	2018			
		CC-8	Design and Analysis of Algorithms	7	6	42	2019			
	COMPUTER SCIENCE	CC-9	Software Engineering	7	6	42	2019			
IV		CC-10	Database Management System	8	6	48	2019	7.33	7.00	Q
	PHYSICS	GE-4	Waves and Optics	5	6	30	2019			
	COMPUTER SCIENCE	SEC-2	UNIX / Linux Programming	10	2	20	2019			
	COMPUTER SCIENCE	CC-11	Internet Technologies	8	6	48	2019			
V	COMPUTER SCIENCE	CC-12	Theory of Computation	7	6	42	2019	7.75	7 75	Q
v	COMPUTER SCIENCE	DSE-1	Microprocessors	7	6	42	2019	1.15	1.15	V V
	COMPUTER SCIENCE	DSE-2	System Programming	9	6	54	2019		All Courses 5.00 6.30 5.62 7.00 7.75 9.25	
	COMPUTER SCIENCE	CC-13	Artificial Intelligence	9	6	54	2020			
VI	COMPUTER SCIENCE	CC-14	Computer Graphics	8	6	48	2020	9.25	0.25	Q
V I	COMPUTER SCIENCE	DSE-3	Soft Computing	10	6	60	2020	9.23	9.23	V V
		DSE-4	Data Mining							
	umulative Grade Point Ave umulative Grade Point Ave						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

Course Types :

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

			Aningro Zoh Pal Controller of Examinations
CGPA Le	tter Grades		Result Codes:
etter Grade	CGPA	Letter Grade	Q - Qualified
(Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared

CC – Core Course	CGPA	Letter Grade	CGPA Letter Grade Q - Qualified		Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6 B (Average) SNC – Semester Not Cleared		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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4 F (Fail)		the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)	1		NC denotes "Not Computed" 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: SUPRAKASH MUKHERJEE

#### **Honours: PHYSICS**

Roll No. 170340900193

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the sis of	Result
No.	Subject	Code	Course The	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	PHYSICS	CC-1	Mathematical Physics-I	5	6	30	2017			
	11115105	CC-2	Mechanics	5	6	30	2017			
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017	5.00	5.55	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	5	4	20	2017			
	PHYSICS	CC-3	Electricity and Magnetism	6	6	36	2018			
	rni sics	CC-4	Waves and Optics	5	6	30	2018		5.70	
II	MATHEMATICS	GE-2	Differential Equations	5	6	30	2018	5.50		Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Mathematical Physics-II	4	6	24	2018			
PHYSICS	PHYSICS	CC-6	Thermal Physics		6	30	2018			
III		CC-7	Digital Systems and Applications	6	6	36	2018	5.00	4.77	Q
MATHEMATICS	GE-3	Real Analysis	4	6	24	4 2018				
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	5	2	10	2018			
		CC-8	Mathematical Physics-III	4	6	24	2019			
	PHYSICS	CC-9	Elements of Modern Physics	4	6	24	2019			
		CC-10	Analog Systems & Applications	5	6	30	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	4.33	4.92	Q
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	4	2	8	2019			
	PHYSICS	CC-11	Quantum Mechanics and Applications	6	6	36	2019			
V	rn151C5	CC-12	Solid State Physics	5	6	30	2019			SNC
	PHYSICS	DSE-1	Advanced Mathematical Physics	7	6	42	2019			SINC
	rn151C5	DSE-2	Classical Dynamics	NA	6	NA				
	PHYSICS	CC-13	Electromagnetic Theory	8	6	48	2020			
VI	rn151C5	CC-14	Statistical Mechanics	7	6	42	2020	7.50	7.50	Q
	PHYSICS	DSE-3 Nuclear and Particle Physics 7		6	42	2020	/.50	/.50		
	DSE-4 Astronomy and Astrophysics 8 6 48									
	umulative Grade Point Av umulative Grade Point Av						Letter G CGP		Result :	PNC

Date of Publication of Result : 29.10.2020

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

## Anindya Zohi Pal

Controller of Examinations

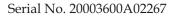
Course Types :		CGPA Letter Grades			Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA Letter Grade Q		Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P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

#### **Grade Point Norms:**

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: TANMOY CHOWDHURY

#### **Honours: COMPUTER SCIENCE**

Roll No. 170340900205

Semester		Course	Course Title	Grade	Credit Value	Grade	Credit		on the	Result
No.	Subject	Code	Course Title	(G) (V)		Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	COMPUTER SCIENCE	CC-1	Programming Fundamentals using C/C++	5	6	30	2017			
	COMI OTER SCIENCE	CC-2	Computer System Architecture	7	6	42	2017			
Ι	PHYSICS	GE-1	Mechanics	4	6	24	2017	6.00	5.27	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	5	4	20	2017			
	COMDUTED SCIENCE	CC-3	Programming in Java	6	6	36	2018			
	COMPUTER SCIENCE C		Discrete Structure	8	6	48	2018			
II	MATHEMATICS	GE-2	Differential Equations	6	6	36	2019	7.00	6.80	Q
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2018			
COMPUTER SCIENCE		CC-5	Data Structure	5	6	30	2018			
	COMPUTER SCIENCE	CC-6	Operating Systems	6	6	36	2018			
III		CC-7	Computer Networks		6	42	2018	6.00	6.08	Q
	MATHEMATICS		Real Analysis	5	6	30	2018			
	COMPUTER SCIENCE	SEC-1	Programming in Python	10	2	20	2018			
		CC-8	Design and Analysis of Algorithms	6	6	36	2019			
	COMPUTER SCIENCE	CC-9	Software Engineering	6	6	36	2019			
IV		CC-10	Database Management System	7	6	42	2019	6.33	6.31	Q
	PHYSICS	GE-4	Waves and Optics	5	6	30	2019			
	COMPUTER SCIENCE	SEC-2	UNIX / Linux Programming	10	2	20	2019			
	COMPUTER SCIENCE	CC-11	Internet Technologies	8	6	48	2019			
v	COMPUTER SCIENCE	CC-12	Theory of Computation	7	6	42	2019	7.50	7.50	Q
v	COMPLITED SCIENCE	DSE-1	Microprocessors	7	6	42	2019	7.30	7.30	V V
COMPUTER SCIENCE		DSE-2	System Programming	8	6	48	2019			
	COMPUTER SCIENCE	CC-13	Artificial Intelligence	10	6	60	2020			
VI	COMPUTER SCIENCE	CC-14	Computer Graphics	8	6	48	2020	9.50	0.50	
VI	COMPUTER SCIENCE	DSE-3			60	2020	9.50	9.50	Q	
	CONFUTER SCIENCE	DSE-4	Data Mining	10	6	60	2020			
	umulative Grade Point Ave umulative Grade Point Ave						Letter Gr		Resul	t : Q

Date of Publication of Result : 29.10.2020

**Course Types :** 

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

1	V _i			Controller of Examinations
	CGPA Le	tter Grades		Result Codes:
	Letter Grade	CGPA	Letter Grade	Q - Qualified
	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
	A : (E 11 ()	4 1 1 7	D (Darra)	DUG D N. CL IFGODI

#### CC - Core Course CGPA GE - Generic Elective 9 and above DSE – Discipline Specific Elective 8 to below 9 PNC – Programme Not Cleared [CGPA on A+ (Excellent) 4 to below 5 P (Pass) the basis of CCs and DSEs.<5 or All 7 to below 8 SEC - Skill Enhancement Course A (Very Good) Below 4 F (Fail) semesters not cleared] AECC - Ability Enhancement NC denotes "Not Computed" due to absence in C1, 6 to below 7 B+ (Good) C2 and C4 as applicable. Compulsory Course

#### **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

Anindya zohi Pal



Name: DEEP CHATTERJEE

#### **Honours: MATHEMATICS**

Roll No. 170341000025

Semester		Course		Grade	Credit	Grade	Credit		a on the sis of	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2018			
	MATHEMATICS	CC-2	Algebra	4	6	24	2017			
Ι	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	7	6	42	2017	4.00	5.55	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
	MATHEMATICS	CC-3	Real Analysis	6	6	36	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	6	6	36	2018			
II	BOTANY	GE-2	Plant Ecology and Taxonomy	7	6	42	2018	6.00	6.70	Q
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018			
	MATHEMATICS	CC-6	Group Theory I		6	30	2018			
III		CC-7	Numerical Methods	6	6	36	2018	5.00	5.23	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	5	2	10	2018	1		
		CC-8	Riemann Integration and Series of Functions	5	6	30	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	6	6	36	2019			
		CC-10	Ring Theory and Linear Algebra I	6	6	36	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2019	5.67	6.54	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019			
V	MATHEMATICS	CC-12	Mechanics I	6	6	36	2019			SNC
v	MATHEMATICS	DSE-1	Linear Programming	NA	6	NA				SINC
	MATHEMATICS		Probability & Statistics	7	6	42	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020			
VI	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	9.50	9.50	Q
V I	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020	9.50	9.50	
	DSE-4 Project Work 9 6 54									
	umulative Grade Point Av						Letter G		Result : PNC	
CGPA (C	umulative Grade Point Av	verage) on th	e basis of All Courses :				CGP	A :	result.	

Date of Publication of Result : 29.10.2020

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

Aningra Zoh Pal Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### Grade Point Norms:

Graue I offit 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: ANTU GAYEN

#### **Honours: MATHEMATICS**

Roll No. 170341100007

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the sis of	Result
No.	Subject	Code	Course Thie	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	NA	6	NA				
	WATTEWATCS	CC-2	Algebra	NA	6	NA				
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2017			SNC
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	MATHEMATICS		Real Analysis	NA	6	NA				
	WATHEWATICS	CC-4	Differential Equations and Vector Calculus	NA	6	NA				
Π	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018			SNC
	Communicative English/MIL	AECC-2         Bengali         9         2         18         2018								
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	NA	6	NA				
	MATHEMATICS	CC-6	Group Theory I	NA	6	NA				
III		CC-7	Numerical Methods	5	6	30	2018			SNC
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	4	2	8	2018			
		CC-8	Riemann Integration and Series of Functions	NA	6	NA				
	MATHEMATICS	CC-9	Multivariate Calculus	4	6	24	2019			
IV		CC-10	Ring Theory and Linear Algebra I	4	6	24	2019			SNC
	PHYSICS	GE-4	Waves and Optics	4	6	24	2019			
	MATHEMATICS	SEC-2	Graph Theory	4	2	8	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019			
V	WATHEWATICS	CC-12	Mechanics I	4	6	24	2019			SNC
v	MATHEMATICS	DSE-1	Linear Programming	7	6	42	2019			SINC
	WATHEWATICS	DSE-2	Probability & Statistics	NA	6	NA				
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020			
VI	MATHEMATICS C	CC-14	Ring Theory and Linear Algebra II	9	6	54	2020	9.50	9.50	Q
V 1	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020	9.50	9.50	
		DSE-4	DSE-4 Project Work 10 6 60 2020							
	umulative Grade Point Av umulative Grade Point Av						Letter G CGP		Result :	PNC

Date of Publication of Result : 29.10.2020

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

Anindya	zohi	Pal
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Controller of Examinations

Course Types :		CGPA Le	tter 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	
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.	

#### **Grade Point Norms:**

Grade rount 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: AYAN GHOSH

#### **Honours: MATHEMATICS**

Roll No. 170341100012

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the sis of	Result
No.	Subject	Code	Course 1itie	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations 5 6 30 2017							
	CC-2		Algebra	5	6	30	2017			
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	d Bases, Redox Reactions, General Organic 7 6 42						Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	MATHEMATICS		Real Analysis	6	6	36	2018			
	WATHEWATICS	CC-4	Differential Equations and Vector Calculus	6	6	36	2018			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block 7 6 42 2018 Elements					6.00	6.70	Q
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018			
	MATHEMATICS	CC-6	Group Theory I	4	6	24	2018		5.60	
III		CC-7	Numerical Methods 6 6 36 2018					5.00	5.69	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	8	6	48	2018			
	MATHEMATICS	SEC-1	Logic and Sets	5	2	10	2018			
		CC-8	Riemann Integration and Series of Functions	4	6	24	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	5	6	30	2019			
IV		CC-10	Ring Theory and Linear Algebra I	6	6	36	2019	5.00	5.00	Q
	PHYSICS	GE-4	Waves and Optics	5	6	30	2019			
	MATHEMATICS	SEC-2	Graph Theory	5	2	10	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2019			
V	WATTEWATCS	CC-12	Mechanics I	4	6	24	2019			SNC
v	MATHEMATICS	DSE-1	Linear Programming	4	6	24	2019			SINC
	WIATHEWIATICS	DSE-2	Probability & Statistics	NA	6	NA				
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020			
VI		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	0.75	9.75	Q
V I	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020	$\frac{920}{020}$ 9.75 9.7		
		DSE-4	Project Work	10 6 60 2020						
	umulative Grade Point Av umulative Grade Point Av						Letter G CGP		Result :	PNC

Date of Publication of Result : 29.10.2020

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

Anindya	zohi	Pal	

Controller of Examinations

Course Types :		CGPA Le	tter 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	
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.	

#### **Grade Point Norms:**

Grade rount 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: KOUSHIK GHOSH

**Honours: PHYSICS** 

Roll No. 170341100023

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the sis of	Result
No.	Subject	Code	Course The	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	PHYSICS	CC-1	Mathematical Physics-I	6	6	36	2017			
	11115105	CC-2	Mechanics	7	6	42	2017			
Ι	MATHEMATICS	GE-1	Differential Calculus	6	6	36	2019	6.50	6.09	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	5	4	20	2017			
	PHYSICS	CC-3	Electricity and Magnetism	5	6	30	2018			
	F II I SIC S	CC-4	Waves and Optics	6	6	36	2018			
II	MATHEMATICS	GE-2	Differential Equations	6	6	36	2018	5.50	6.00	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Mathematical Physics-II	7	6	42	2018			
	PHYSICS	CC-6	Thermal Physics			2018				
III		CC-7	Digital Systems and Applications	7	6	42	2018	6.67	6.31	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	hemistry 5 6 50 2018						
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	7	2	14	2018			
		CC-8	Mathematical Physics-III	7	6	42	2019			
	PHYSICS	CC-9	Elements of Modern Physics	5	6	30	2019			
		CC-10	Analog Systems & Applications	6	6	36	2019			Q
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	5	6	30	2019	6.00	5.85	
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	7	2	14	2019			
	PHYSICS	CC-11	Quantum Mechanics and Applications	7	6	42	2019			
V	rn151C5	CC-12	Solid State Physics	8	6	48	2019			SNC
v	PHYSICS	DSE-1	Advanced Mathematical Physics	6	6	36	2019			SINC
	11115105	DSE-2	Classical Dynamics	NA	6	NA				
	PHYSICS	CC-13	Electromagnetic Theory	9	6	54	2020			
VI	11115105	CC-14	Statistical Mechanics	8	6	48	2020	8.25	8 25	0
V I	PHYSICS	DSE-3	Nuclear and Particle Physics	7	6	42	2020	0.25	8.25	Q
		DSE-4	Astronomy and Astrophysics	9	6	54	2020	]		
	umulative Grade Point Av umulative Grade Point Av						Letter Gr CGP		Result :	PNC

Date of Publication of Result : 29.10.2020

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

Anindya zohi Pal

Controller of Examinations

Course Types :		CGPA Le	tter 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	
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.	

#### Grade Point Norms:

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: KOUSHIK JANA

#### **Honours: MATHEMATICS**

Roll No. 170341100024

Semester		Subject Course		Grade	Credit	alue (V)Point (G×V)Retain Yea62420196242019	Credit		on the sis of	Result
No.	Subject	Code	Course Title	(G)	Value (V)		Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	s, Geometry & Differential Equations 4 6 24 20		2019				
	MATHEMATICS CC-		Algebra	2019						
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	2017	4.00	5.64	Q			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS	CC-3	Real Analysis	4	6	24	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	4	6	24	2018			
Π	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018	4.00	5.40	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018			
	MATHEMATICS	CC-6	Group Theory I			4.22	5.1.5			
III		CC-7	Numerical Methods	6	30	2018	4.33	5.15	Q	
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2018			
		CC-8	Riemann Integration and Series of Functions	4	6	24	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	6	6	36	2019			
IV		CC-10	Ring Theory and Linear Algebra I	7	6	42	2019	5.67	5.31	Q
	PHYSICS	GE-4	Waves and Optics	4	6	24	2019			
	MATHEMATICS	SEC-2	Graph Theory	6	2	12	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	4	6	24	2019			
V	MATHEMATICS	CC-12	Mechanics I	NA	6	NA				SNC
v	MATHEMATICS	DSE-1	Linear Programming	4	6	24	2019			SINC
	MATHEMATICS	DSE-2	Probability & Statistics	NA	6	NA				
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020			
VI		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	9.75	0.75	
v 1	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020	2020		Q
		DSE-4	Project Work	10	6	60	2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G CGP		Result :	PNC

Date of Publication of Result : 29.10.2020

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

Anindya zohi Pal
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Controller of Examinations

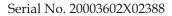
Course Types :		CGPA Letter Grades			Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)		1	NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

Oraue rome 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: RAMKRISHNA MONDAL

**Honours: PHYSICS** 

Roll No. 170341100038

Semester	Subject	Course	0	Grade	Credit	Grade	Credit		on the	Result
No.	Subject	Code	Course Title	(G)	Value Point (V) (G×V)		Retained Year	CCs & DSEs	All Courses	Code
	PHYSICS	CC-1	Mathematical Physics-I	7	6	42	2017			
	11115105	CC-2	Mechanics	6	6	36	2017		6.45	
Ι	MATHEMATICS	GE-1	Differential Calculus	6	6	36	2017	6.50		Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	PHYSICS	CC-3	Electricity and Magnetism	5	6	30	2018			
	PHI SICS	CC-4	Waves and Optics	5	6	30	2018			
II	MATHEMATICS	GE-2	Differential Equations	6	6	36	2019	5.00	5.80	Q
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
		CC-5	Mathematical Physics-II	7	6	42	2018			
	PHYSICS	CC-6	Thermal Physics	5	6	30	2018			
Ш		CC-7	Digital Systems and Applications	7	6	42	2018	6.33	6.31	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018	0.00		×
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	7	2	14	2018			
		CC-8	Mathematical Physics-III	7	6	42	2019			
	PHYSICS	CC-9	Elements of Modern Physics	6	6	36	2019			
		CC-10	Analog Systems & Applications	6	6	36	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019	6.33	6.31	Q
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	7	2	14	2019			
	PHYSICS	CC-11	Quantum Mechanics and Applications	6	6	36	2019			
v	PHI SICS	CC-12	Solid State Physics	7	6	42	2019			SNC
v	PHYSICS	DSE-1	Advanced Mathematical Physics	6	6	36	2019			SINC
	PHI SICS	DSE-2	Classical Dynamics	NA	6	NA				
	PHYSICS	CC-13	Electromagnetic Theory	9	6	54	2020			
VI	PHI SICS	CC-14	Statistical Mechanics	9	6	54	2020	8.75	8.75	
V1	PHYSICS	DSE-3	Nuclear and Particle Physics	7	6	42	2020	8.75	8.73	Q
	rni sics	DSE-4	Astronomy and Astrophysics	10	6	60	2020			
	umulative Grade Point Av umulative Grade Point Av						Letter Gr		PNC	

Date of Publication of Result : 29.10.2020

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

Anindya zobi Pal

Controller of Examinations

Course Types :		CGPA Let	tter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	le 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	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### Grade Point Norms:

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: RANU MAITI

#### **Honours: MATHEMATICS**

Roll No. 170341100040

Semester	Subject	Course	G	Grade	Credit	Grade	Credit		on the sis of	Result
No.	Subject	Code	Course Title	(G) Value Poin (V) (GX)		Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	7	6	42	2017			
	MATHEMATICS	CC-2	Algebra	5	6	30	2017			
Ι	PHYSICS	GE-1	Mechanics	2017	6.00	6.27	Q			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	24	2017					
	MATHEMATICS	CC-3	Real Analysis	8	6	48	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	7	6	42	2018			
II	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2018	7.50	7.50	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	7	6	42	2018			
	MATHEMATICS CC	CC-6	Group Theory I	8	6	48	2018			
III		CC-7	CC-7 Numerical Methods		6	42	2018	7.33	7.38	Q
	CHEMISTRY	Y GE-3 Chemical Energetic, Equilibria, Organic Chemistry		8	6	48	2018			
	MATHEMATICS	SEC-1	Logic and Sets	2	12	2018	1			
		CC-8	Riemann Integration and Series of Functions	6	6	36	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	7	6	42	2019			
	MATHEMATICS CC-		Ring Theory and Linear Algebra I	7	6	42	2019			
IV	CHEMISTRY	Solution Phase Equilibria, Conductar		8	6	48	2019	6.67	6.77	Q
	MATHEMATICS	SEC-2	Graph Theory	4	2	8	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2019			
v	MATHEMATICS	CC-12	Mechanics I	5	6	30	2019	5.75	5.75	
v	MATHEMATICS	DSE-1	Linear Programming	5	6	30	2019	5.75	5.75	Q
	MATHEMATICS	DSE-2	Probability & Statistics	4	6	24	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
VI		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	Q
V I	MATHEMATICS	DSE-3	Group Theory II	10 6 60		60	2020	10.00	10.00	Y Y
		DSE-4	Project Work	10	6	60	2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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

## Anindya zohi Pal

Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### Grade Point Norms:

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: BHASKAR GANGULY

#### **Honours: MATHEMATICS**

Roll No. 170341200008

Semester	Subject	Course		Grade	Credit	Grade	Credit		on the sis of	Result
No.	Subject	Code	Course Title	(G) Value Point (V) (G×V)		Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017			
	WATHEWATICS	CC-2	Algebra	30	2017					
Ι	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2017	5.00	5.45	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	MATHEMATICS		Real Analysis	7	6	42	2018			
	WATHEWATICS	CC-4	Differential Equations and Vector Calculus	5	6	30	2018			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018	6.00	6.00	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
	MATHEMATICS CC-5 Theory of Real Functions & Introduction to Metric Spaces CC-6 Group Theory I	8	6	48	2019					
		CC-6	Group Theory I		6	30	2018	6.00	6.46	
III		CC-7	Numerical Methods	6	6	36	2018	6.33	6.46	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	6	2	12	2018			
		CC-8	Riemann Integration and Series of Functions	6	6	36	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	4	6	24	2019			
IV		CC-10	Ring Theory and Linear Algebra I	7	6	42	2019	5.67	6.23	Q
	PHYSICS	GE-4	Waves and Optics	7	6	42	2019			
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019			
V	WATTEWATCS	CC-12	Mechanics I	6	6	36	2019	6.75	6.75	Q
v	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2019	0.75	0.75	L A
	WATHEWATICS	DSE-2	Probability & Statistics	7	6	42	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020			
VI	WATHEWATICS	CC-14 Ring Theory and Linear Algebra II		10	6	60	2020	9.75	0.75	
V I	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020 9.75		9.75	Q
	IVIA I NEIVIA I ICS	DSE-4	Mechanics II	10	6	60	2020			
· · · ·	umulative Grade Point Av umulative Grade Point Av	0 /					Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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

Aningra Zoh Pal Controller of Examinations

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1 C2 and C4 as applicable.

#### **Grade Point Norms:**

Grade i onit i toring.		-	
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: LABANYA DHAWA

#### **Honours: MATHEMATICS**

Roll No. 170341200014

Semester		Course CodeCourse TitleGrade (G)Credit ValueGrade Poin (C)						SGPA bas	Result	
No.	Subject	Code	Course Title		Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	7	6	42	2017			
I	MATHEMATICS	CC-2	Algebra	7	6	42	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017	7.00	6.82	Q
	ENVIRONMENTAL STUDIES	AECC-1	· · · · · · · · · · · · · · · · · · ·		4	24	2017			
	MATHEMATICS	THEMATICS CC-3 Real Analysis 7 6 4								
	WATHEWATICS	CC-4	Differential Equations and Vector Calculus	6	6	36	2018		7.20	
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2018	6.50		Q
	Communicative English/MIL	AECC-2	Bengali		2	18	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018			
	MATHEMATICS	CC-6	Group Theory I	7	6	42	2018	6.00		
III		CC-7	Numerical Methods	7	6	42	2018	8 6.00	6.77	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	9	6	54	2018			
	MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2018			
		CC-8	Riemann Integration and Series of Functions	8	6	48	2019			
	MATHEMATICS	CC-9	Multivariate Calculus		6	24	2019			
IV		CC-10	Ring Theory and Linear Algebra I	6	6	36	2019	6.00	6.54	Q
	PHYSICS	GE-4	Waves and Optics	7	6	42	2019			1
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2019			
V	WATHEWATICS	CC-12	Mechanics I	6	6	36	2019	6.00	6.00	
v	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2019	0.00	0.00	Q
	MATHEMATICS	DSE-2	Probability & Statistics	6	6	36	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020			
VI	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	9.75	9.75	
V1	MATHEMATICS	DSE-3 Group Theory II		10	6	60	2020	9.75	9.75	Q
	WIAT DEWIATICS	DSE-4								
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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Aningra Zoh Pal Controller of Examinations

Course Types :		CGPA Le	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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	E (Earl)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

Grade i onit i torms.								
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: ARIJIT GHOSH

#### **Honours: MATHEMATICS**

Roll No. 170341300007

Semester		Course		Grade	Credit	Grade	Credit	SGPA on the basis of		Result	
No. Subject Code Course Title		Course 1 itle	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code		
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2017				
	MATHEMATICS	CC-2	Algebra	4	6	24	2017				
Ι	PHYSICS	GE-1	Mechanics	2017	4.00	4.36	Q				
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017				
	MATHEMATICS	CC-3	Real Analysis	5	6	30	2018				
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	5	6	30	2018				
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2018	5.00	6.30	Q	
	Communicative English/MIL	AECC-2			2	18	2018				
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018				
	MATHEMATICS	CC-6	Group Theory I	NA	6	NA				and	
III		CC-7	Numerical Methods	5	6	30	2018			SNC	
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	5	6	30	2018				
	MATHEMATICS	SEC-1	Logic and Sets	5	2	10	2018				
	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	4	6	24	2019				
		CC-9	Multivariate Calculus	5	6	30	2019				
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2019				
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019	5.67	5.85	Q	
L	MATHEMATICS	SEC-2	Graph Theory	7	2	14	2019				
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2019				
V	MATHEMATICS	CC-12	Mechanics I	5	6	30	2019			SNC	
v	MATHEMATICS	DSE-1	Linear Programming	4	6	24	2019			SINC	
	MATHEMATICS	DSE-2	Probability & Statistics	NA	6	NA					
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020				
VI	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00		
V I	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020	10.00	10.00	Q	
1	MATHEMATICS	DSE-4	Mechanics II 10 6 60				2020				
	umulative Grade Point Av umulative Grade Point Av						Letter G		Result :	PNC	

Date of Publication of Result : 29.10.2020

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

	1					
Course Types :		CGPA Le	tter 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	
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All	
SEC – Skin Enhancement Course	7 to below 8	A (very 0000)	Delow 4	r (ran)	semesters not cleared]	
AECC - Ability Enhancement	6 to below 7	B+ (Good)	1		NC denotes "Not Computed" due to absence in C1,	
Compulsory Course	0 to below /	B+ (0000)			C2 and C4 as applicable.	

#### **Grade Point Norms:**

Grade romt 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

# Aningra Zoh Pal Controller of Examinations



Name: SOMNATH KARMAKAR

#### **Honours: MATHEMATICS**

Roll No. 170341300065

Semester	Subject	ubject Course Course Title Grade Credit Value Point						SGPA bas	Result	
No.	Subject	Code	Course Thie	(G)	(V)	(G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2019			
	CC-2		Algebra		6	NA				
	PHYSICS	GE-1	Mechanics	30	2017			SNC		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS	CC-3	Real Analysis	5	6	30	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	4	6	24	2018			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018	4.50	5.40	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	7	6	42	2018			
	MATHEMATICS	CC-6	Group Theory I	NA	6	NA				aug
III		CC-7	Numerical Methods		6	30	2018			SNC
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	5	6	30	2018			
	MATHEMATICS	SEC-1	Logic and Sets	2	14	2018				
	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	5	6	30	2019			
		CC-9	Multivariate Calculus	5	6	30	2019			
		CC-10	Ring Theory and Linear Algebra I	10	6	60	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	6.67	6.92	Q
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	5	6	30	2019			
V	MATHEMATICS	CC-12	Mechanics I	5	6	30	2019	1		SNC
v		DSE-1	Linear Programming	4	6	24	2019	1		SINC
	MATHEMATICS	DSE-2	Probability & Statistics	NA	6	NA		1		
		CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
3.71	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II		6	60	2020	10.00	10.00	
VI	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020	10.00	10.00	Q
	MATHEMATICS	DSE-4	Mechanics II	10	6	60	2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G		Result :	PNC

Date of Publication of Result : 29.10.2020

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

1 1	1 1				
Course Types :		CGPA Let	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### Grade Point Norms

Grade I onit 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

# Aningra Zoh Pal Controller of Examinations



Name: SWARNAVA MODAK

#### **Honours: MATHEMATICS**

Roll No. 170341300083

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the sis of	Result
No.	Subject	Code	Course The	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS		Calculus, Geometry & Differential Equations	7	6	42	2017			
	MATHEMATICS	CC-2	Algebra	5	6	30	2017			
Ι	PHYSICS	GE-1	Mechanics	4	6	24	2017	6.00	5.64	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS	CC-3	Real Analysis	6	6	36	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	7	6	42	2018			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018	6.50	6.60	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
			Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2018			
	MATHEMATICS III	CC-6	Group Theory I	NA	6	NA				ava
111		CC-7	Numerical Methods	6	6	36	2018			SNC
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	5	6	30	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018	]		
		CC-8	Riemann Integration and Series of Functions	5	6	30	2019			
	MATHEMATICS	CC-9	Multivariate Calculus		6	42	2020			ļ
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	6.33	6.54	Q
	MATHEMATICS	SEC-2	Graph Theory	7	2	14	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2019			
V	MATHEMATICS	CC-12	Mechanics I	5	6	30	2019			SNC
v		DSE-1	Linear Programming	NA	6	NA				SNC
	MATHEMATICS	DSE-2	Probability & Statistics	NA	6	NA				
		CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
171	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	8	6	48	2020	075	075	
VI		DSE-3	Group Theory II	8	6	48	2020	8.75	8.75	Q
	MATHEMATICS	DSE-4	Mechanics II 9 6				2020	1		
CGPA (C	Cumulative Grade Point Av	verage) on th	e basis of CCs & DSEs :			-	Letter G		Result	PNC
CGPA (C	A (Cumulative Grade Point Average) on the basis of All Courses :						CGP	A :	Result : PNC	

Date of Publication of Result : 29.10.2020

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

1-1	1 1				
Course Types :		CGPA Let	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### Grade Point Norms:

Grade rount 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

# Aningra Zoh Pal Controller of Examinations



Name: ARNAB BHATTACHARJYA

#### **Honours: PHYSICS**

Roll No. 170341400006

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the sis of	Result
No.	Subject	Code	Course Three	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	PHYSICS	CC-1	Mathematical Physics-I	5	6	30	2017			
		CC-2	Mechanics 5		6	30	2017			
Ι	COMPUTER SCIENCE	GE-1	Problem Solving using Computer	6	6	36	2017	5.00	5.45	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	24	2017					
	PHYSICS	CC-3	Electricity and Magnetism	4	6	24	2018			
	PHI SICS	CC-4			2018	7				
II	MATHEMATICS	GE-2	Differential Equations	4	6	24	2018	4.50	4.80	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5 Mathematical Physics-II 8 6 48	48	2018						
	PHYSICS III	CC-6	Thermal Physics	5	6	30	2018			
III		CC-7	Digital Systems and Applications			2018	7.00	6.54	Q	
	COMPUTER SCIENCE GE		Operating Systems	perating Systems 6 6 36 2018						
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	4	2	8	2018			
		CC-8	Mathematical Physics-III	6	6	36	2019			
	PHYSICS	CC-9	Elements of Modern Physics	6	6	36	2019			
IV		CC-10 Analog Systems & Applications		6	6	36	2019	6.00	5.62	Q
	MATHEMATICS	GE-4	-4 Algebra 4 6 24 2019							
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	7	2	14	2019			
	PHYSICS	CC-11	Quantum Mechanics and Applications	6	6	36	2019			
V	PHI SICS	CC-12	Solid State Physics	7	6	42	2019	6.75	6.75	
v	PHYSICS	DSE-1	Advanced Mathematical Physics	6	6	36	2019	0.75	0.75	Q
	PHYSICS	DSE-2	Communication Systems	8	6	48	2019			
	PHYSICS	CC-13	Electromagnetic Theory	8	6	48	2020			
VI	rn15lC5	CC-14			6	36	2020	7.50	7.50	
V I	PHYSICS	DSE-3	Nuclear and Particle Physics	8	6	48	2020	7.50	7.50	Q
	rn15lC5	DSE-4	Astronomy and Astrophysics 8 6 48				2020			
`	umulative Grade Point Ave umulative Grade Point Ave						Letter G CGPA		Result	::Q

Date of Publication of Result : 29.10.2020

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

Course Types :		CGPA Let	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### Grade Point Norms:

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

Anindya zohi Pal Controller of Examinations





Name: SNEHASIS BAHADUR

#### **Honours: PHYSICS**

Roll No. 170341400041

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the sis of	Result
No.	Subject	Code	course rate	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	PHYSICS	CC-1	Mathematical Physics-I	4	6	24	2017			
		CC-2	Mechanics	5	6	30	2017		5.09	
Ι	COMPUTER SCIENCE	GE-1	Problem Solving using Computer	5	6	30	2017	4.50		Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	28	2017					
	PHYSICS	CC-3	Electricity and Magnetism	4	6	24	2019			
	PHISICS	CC-4	Waves and Optics			2018			1	
II	MATHEMATICS	GE-2	Differential Equations	6	6	36	2018	4.00	5.20	Q
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
		CC-5	Mathematical Physics-II	7	6	42	2018			
	PHYSICS III	CC-6	Thermal Physics	5	6	30	2018			
III		CC-7	Digital Systems and Applications			2018	6.67	6.77	Q	
	COMPUTER SCIENCE GE-3		Operating Systems			2018				
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	7	2	14	2018			
		CC-8	Mathematical Physics-III	5	6	30	2019			
	PHYSICS	CC-9	Elements of Modern Physics	7	6	42	2019			
IV		CC-10	Analog Systems & Applications	6	6	36	2019	6.00	5.62	Q
	MATHEMATICS	GE-4	Algebra	4	6	24	2019			
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	7	2	14	2019			
	PHYSICS	CC-11	Quantum Mechanics and Applications	6	6	36	2019			
3.7	PHISICS	CC-12	Solid State Physics	7	6	42	2019	6.00	6.00	
V	DUNCIOC	DSE-1	Advanced Mathematical Physics	5	6	30	2019	0.00	0.00	Q
	PHYSICS	DSE-2	Communication Systems	6	6	36	2019			
	DUNCIOS	CC-13	Electromagnetic Theory	9	6	54	2020			
3.71	PHYSICS	CC-14	Statistical Mechanics	7	6	42	2020	0.00	0.00	
VI	DUVSICS	DSE-3	Nuclear and Particle Physics	7	6	42	2020	8.00	8.00	Q
	PHYSICS	DSE-4	Astronomy and Astrophysics	9	6	54	2020			
	umulative Grade Point Ave umulative Grade Point Ave						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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

i = 1	V _i			
	CGPA Let	tter Grades		Result Codes:
CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC - Semester Not Cleared
8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC - Programme Not Cleared [CGPA on
7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.
	CGPA 9 and above 8 to below 9 7 to below 8	CGPA         Letter Grade           9 and above         O (Outstanding)           8 to below 9         A+ (Excellent)           7 to below 8         A (Very Good)	CGPA Letter Grades           CGPA         Letter Grade         CGPA           9 and above         O (Outstanding)         5 to below 6           8 to below 9         A+ (Excellent)         4 to below 5           7 to below 8         A (Very Good)         Below 4	CGPA Letter Grades         CGPA       Letter Grade       CGPA       Letter Grade         9 and above       O (Outstanding)       5 to below 6       B (Average)         8 to below 9       A+ (Excellent)       4 to below 5       P (Pass)         7 to below 8       A (Very Good)       Below 4       F (Fail)

#### Compulsory Course **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

Anindya zohi Pal Controller of Examinations



Name: SOURAV HAZRA

#### **Honours: PHYSICS**

Roll No. 170341400045

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	1	on the sis of	Result	
No.	Subject	Code	Course The	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code	
	PHYSICS		Mathematical Physics-I	5	6	30	2017				
	11115105	CC-2	Mechanics	5	6	30	2017				
Ι	CHEMISTRY	GE-1	omic Structure, Chemical Periodicity, Acids ad Bases, Redox Reactions, General Organic 6 6 36 demistry & Aliphatic Hydrocarbons		2017	5.00	5.64	Q			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017				
	PHYSICS	CC-3	Electricity and Magnetism	4	6	24	2018				
	PHI SICS	CC-4	Waves and Optics	5	6	30	2018				
II	MATHEMATICS	GE-2	Differential Equations	7	6	42	2018	4.50	5.70	Q	
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			L	
	PHYSICS	CC-5	Mathematical Physics-II	7	6	42	2018				
		CC-6	Thermal Physics	5	6	30	2018				
III		CC-7			2018	6.67	6.77	Q			
	CHEMISTRY GE-		Chemical Energetic, Equilibria, Organic Chemistry76422018		0.07	0.77					
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	7	2	14	2018				
		CC-8	Mathematical Physics-III	5	6	30	2019				
	PHYSICS	CC-9	Elements of Modern Physics	6	6	36	2019			Q	
IV		CC-10	Analog Systems & Applications	6	6	36	2019	5.67	5.38		
	MATHEMATICS	GE-4	Algebra	4	6	24	2019				
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	7	2	14	2019				
	PHYSICS	CC-11	Quantum Mechanics and Applications	6	6	36	2019				
v	11115105	CC-12	Solid State Physics	6	6	36	2019	5.75	5.75	Q	
v	PHYSICS	DSE-1	Advanced Mathematical Physics	5	6	30	2019	5.75	5.75	V V	
	11115105	DSE-2	Communication Systems	6	6	36	2019				
	PHYSICS	CC-13	Electromagnetic Theory	9	6	54	2020				
VI	11115105	CC-14	Statistical Mechanics 8		6	48	2020	8.25	8.25	Q	
V I	PHYSICS		Nuclear and Particle Physics	7	6	42	2020	0.25	0.25		
	DSE-4 Astronomy and Astrophysics 9 6 54					54	2020				
	umulative Grade Point Av						Letter G		Result	t : Q	
CGPA (C	umulative Grade Point Av	verage) on th	e basis of All Courses : 6.27				CGPA	: B+			

Date of Publication of Result : 29.10.2020

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

Anindya zohi Pal

Controller of Examinations

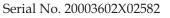
Course Types :		CGPA Let	tter Grades	Result Codes:	
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### Grade Point Norms:

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: ANUBHAB BHANDARI

#### **Honours: MATHEMATICS**

Roll No. 170341600008

Semester		Course		Grade	Credit	Grade	Credit		on the	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017			
	MATTEMATICS	CC-2	Algebra	4	6	24	2018			
Ι	ELECTRONICS	GE-1	Electronic Circuits and PCB Designing	6	6	36	2017	4.50	5.18	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	MATHEMATICS	CC-3	Real Analysis	4	6	24	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	6	6	36	2018			
II	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2018	5.00	6.10	Q
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018			
	MATHEMATICS	CC-6	Group Theory I	NA	6	NA				
III		CC-7	Numerical Methods	7	6	42	2018			SNC
	PHYSICS GE-3		Thermal Physics and Statistical Mechanics	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2018			
		CC-8	Riemann Integration and Series of Functions	4	6	24	2019			
	MATHEMATICS	CC-9	Multivariate Calculus		6	30	2019			
IV		CC-10	Ring Theory and Linear Algebra I	9	6	54	2019	6.00	6.31	Q
	ELECTRONICS	GE-4	Communication Systems		6	36	2019	]		
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019			
v	MATTEMATICS	CC-12	Mechanics I	NA	6	NA				SNC
v	MATHEMATICS	DSE-1	Linear Programming	7	6	42	2019			SINC
	MATTEMATICS	DSE-2	Probability & Statistics	5	6	30	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
VI	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	Q
V I	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020	10.00	10.00	V V
MATHEMATICS DSE-4 Project Work				10	6	60	2020			
	Cumulative Grade Point Av						Letter G		Result :	PNC
CGPA (C	Cumulative Grade Point Av	verage) on th	e basis of All Courses :				CGP	A :		

Date of Publication of Result : 29.10.2020

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

I-1	1-1				
Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### Grade Point Norms:

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)

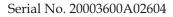
#### **Percentage Conversion Formula:**

= (SGPA or CGPA  $\times 10$ ) - 5.0

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

Anindya zohi Pal

Controller of Examinations





Name: PRIYABRATA SINHA ROY

#### **Honours: MATHEMATICS**

Roll No. 170341600034

Semester		Course		Grade	Credit	Grade	Credit		on the	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	Calculus, Geometry & Differential Equations	4	6	24	2017				
	MATHEMATICS	CC-2	Algebra	4	6	24	2017			
Ι	CHEMISTRY	GE-1	tomic Structure, Chemical Periodicity, Acids and Bases, Redox Reactions, General Organic Themistry & Aliphatic Hydrocarbons				2017	4.00	5.18	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies			2017				
	MATHEMATICS	CC-3	Real Analysis	7	6	42	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus 8 6 48 2018							
II	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2018	7.50	7.80	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018			
	MATHEMATICS	CC-6	Group Theory I	7	6	42	2018		6.60	
III		CC-7	Numerical Methods	7	6	42	2018	6.33	6.69	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2018			
	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	6	6	36	2019			
		CC-9	Multivariate Calculus		6	30	2019			
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2019	6.33	7.23	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2019			
V	MATHEMATICS	CC-12	Mechanics I	5	6	30	2019	7.25	7.25	Q
v	MATHEMATICS	DSE-1	Linear Programming	9	6	54	2019	1.23	1.23	V V
	MATHEMATICS	DSE-2	Probability & Statistics	6	6	36	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
3.71	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	0.75	0.75	
VI	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020	9.75	9.75	Q
	MATHEMATICS	DSE-4	Project Work							
	umulative Grade Point Av umulative Grade Point Av	0 /					Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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

Anindya zohi Pal
Controller of Examinations

Controller of Examinations

Course Types :		CGPA Le	tter 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	
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1 C2 and C4 as applicable.	

#### Grade Point Norms:

Graue rome 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: ANKITA DAS

Honours: ZOOLOGY

Roll No. 170342000005

Semester	Subject	Course	Grade Grade Credit Grade Credit ba						on the sis of	Result
No.	Subject	Code	Course The	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code
	ZOOLOGY	CC-1	Non-chordates I	8	6	48	2017			
	2001001	CC-2	Ecology	8	6	48	2017			
Ι	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	6	42	2017	8.00	7.91	Q	
	ENVIRONMENTAL STUDIES	Fundamentals of Environmental Studies	9	4	36	2017				
	ZOOLOGY	CC-3	Non-chordates II	7	6	42	2018			
	2001001	CC-4	Cell Biology	6	6	36	2018			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018	6.50	6.80	Q
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2018			
		CC-5	Chordates	7	6	42	2018			
	ZOOLOGY	CC-6	Animal Physiology: Controlling and Coordinating Systems	8	6	48	2018			
III		CC-7	Fundamentals of Biochemistry	7	6	42	2018	7.33	7.54	Q
	BOTANY	GE-3	Plant Anatomy and Embryology	8	6	48	2018			
	ZOOLOGY	SEC-1	Sericulture	8	2	16	2018			
		CC-8	Comparative Anatomy of Vertebrates	8	6	48	2019			
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	6	6	36	2019			
		CC-10	Immunology	7	6	42	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2019	7.00	7.31	Q
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	5	2	10	2019			
	ZOOLOGY	CC-11	Molecular Biology	7	6	42	2019			
V	2001001	CC-12	Genetics	8	6	48	2019	7.75	7.75	
v	ZOOLOGY	DSE-1	Animal Biotechnology	9	6	54	2019	1.15	1.15	Q
	2001001	DSE-2	Parasitology	7	6	42	2019	]		
	70010CV	CC-13	Developmental Biology	9	6	54	2020			
VI	ZOOLOGY	CC-14	Evolutionary Biology	8	6	48	2020	8.50	8 50	
	ZOOLOGY	DSE-3	Animal Behaviour	7	6	42	2020	8.50	8.50	Q
		DSE-4	Endocrinology	10	6	60	2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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

Anindya Zohi Pal

Controller of Examinations

Course Types :		CGPA Let	tter 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	
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.	

#### 90% to 100% 10 80% and above but below 90% 9 8 60% and above but below 70%7 70% and above but below 80%6 50% and above but below 60% 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: ANUP BHANDARI

#### **Honours: MATHEMATICS**

Roll No. 170342000006

Semester	~ • • •	Course Course		Grade	Credit	Grade	Credit		on the sis of	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (G×V)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2017			
	MATHEMATICS	CC-2	Algebra	gebra 4 6						
Ι	COMPUTER SCIENCE	GE-1	Problem Solving using Computer	6	6	36	2017	4.00	5.27	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
	MATHEMATICS	CC-3	Real Analysis	5	6	30	2020			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	6	6	36	2018			
II	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2018	5.50	6.30	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018			
	MATHEMATICS	CC-6	Group Theory I	NA	6	NA				
III		CC-7	Numerical Methods	4	6	24	2018			SNC
	COMPUTER SCIENCE GE-		Operating Systems		6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	NA	2	NA				
		CC-8	Riemann Integration and Series of Functions	5	6	30	2020			
	MATHEMATICS	CC-9	Multivariate Calculus	5	6	30	2020			
IV		CC-10	Ring Theory and Linear Algebra I	5	6	30	2020	5.00	4.92	Q
	PHYSICS	GE-4 Waves and Optics		5	6	30	2019	1		
	MATHEMATICS	SEC-2	Graph Theory	4	2	8	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	5	6	30	2019			
V	MATHEMATICS	CC-12	Mechanics I	4	6	24	2019			SNC
v	MATHEMATICS	DSE-1	Linear Programming	NA	6	NA				SINC
	MATTEMATICS	DSE-2	Probability & Statistics	NA	6	NA				
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	8	6	48	2020			
VI		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	8.50	8.50	0
V I	MATHEMATICS	DSE-3	Group Theory II	8	6	48	48 2020 8.50 8.50		0.50	Q
	MATHEMATICS DSE-4 Project Work 8 6				48	2020				
	umulative Grade Point Ave umulative Grade Point Ave						Letter G		Result :	PNC

Date of Publication of Result : 29.10.2020

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

Course Types :		CGPA Le	tter 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	
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.	

#### Grade Point Norms:

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)

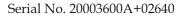
#### Percentage Conversion Formula:

= (SGPA or CGPA  $\times 10$ ) - 5.0

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

## Anindya zohi Pal

Controller of Examinations





Name: ANUSHKA GHOSH

#### **Honours: BOTANY**

Roll No. 170342000008

Semester	Subject	Course	Grade Grade Credit Grade Credit ba		Sint $\times$ V)Retained Year $\times$ V) $2$ $2017$ $42$ $2017$ $22$ $42$ $2017$ $22$ $42$ $2017$ $22$ $42$ $2018$ $22$ $42$ $2018$ $2018$ $42$ $2018$ $2018$ $44$ $2018$ $2018$ $44$ $2018$ $2018$ $44$ $2018$ $2018$ $44$ $2019$ $2019$ $44$ $2019$ $2019$ $44$ $2019$ $2019$ $44$ $2019$ $2019$ $44$ $2019$ $2019$ $44$ $2019$ $2019$ $44$ $2019$ $2019$ $44$ $2019$ $2019$ $44$ $2019$ $2019$ $44$ $2020$ $2020$	bas	on the sis of	Result		
No.	Subject	Code	Course Thie	(G)	(V)	(GXV)		CCs & DSEs	All Courses	Code
	BOTANY	CC-1	Microbiology and Phycology	8	6	48	2017			
	DOTATI	CC-2	Archegoniatae	-	6	42	2017		sis of         R.           All         Courses           7.45         7           7.20         8           8.69         8           9.25         9	
Ι	ZOOLOGY	GE-1	Animal Diversity	ersity 7 6 42 2017 7.50		7.45	Q			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
	BOTANY	CC-3	Mycology and Phytopathology	7	6	42	2018			
	DUTANY	CC-4	Course TitleGrade (G)Vcrobiology and Phycology8hegoniatae7mal Diversity7idamentals of Environmental Studies8cology and Phytopathology7rphology and Anatomy of Angiosperms7tes of Matter & Chemical Kinetics, Chemical nding & Molecular Structure, P-Block7magali9nt Ecology and Phytogeography9nt Ecology and Phytogeography9nt Systematics10nomic Botany9vsiology and Biochemistry7nobotany8aeobotany & Palynology9ution Phase Equilibria, Conductance, ctrochemistry, Analytical & Environmental emistry8nt Physiology9nt Metabolism10productive Biology of Angiosperms9nual Resource Management9nual Resource Management </td <td>42</td> <td>2018</td> <td></td> <td></td> <td></td>			42	2018			
Π	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018	7.00	7.20	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Plant Ecology and Phytogeography	9	6	54	2018			
	BOTANY	CC-6	Plant Systematics	10	6	60	2018			
III		CC-7	Economic Botany	9	6	54	2018	9.33	8.69	Q
	ZOOLOGY		Physiology and Biochemistry							
	BOTANY	SEC-1	Ethnobotany	8	2	16	2018			
		CC-8	Palaeobotany & Palynology	9	6	54	2019			
	BOTANY	CC-9	Biomolecules and Cell Biology	9	6	54	2019	7		
		CC-10	Molecular Biology	9	6	54	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2019			Q
	BOTANY	SEC-2	Biofertilizers	8	2	16	2019			
	BOTANY	CC-11	Plant Physiology	9	6	54	2019			
v	BUTANY	CC-12	Plant Metabolism	10	6	60	2019	9.25	0.25	
v	DOTANY	DSE-1	Reproductive Biology of Angiosperms	9	6	54	2019	9.25	9.25	Q
	BOTANY	DSE-2	Natural Resource Management	9	6	54	2019			
	DOTANK	CC-13	Genetics & Plant Breeding	9	6	54	2020			
VI	BOTANY	CC-14	Plant Biotechnology	10	6	60	2020	0.75	0.75	
VI	DOTANK	DSE-3	Plant Evolution & Biodiversity	10	6	60	2020	9.75	9.75	Q
	BOTANY	DSE-4	Industrial and Environmental Microbiology	10	6	60	2020			
	umulative Grade Point Av umulative Grade Point Av						Letter Gr CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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

Anindya Zohi Pal

Controller of Examinations

Course Types :		CGPA Le	tter Grades	Result Codes:		
CC – Core Course	CGPA Letter Grade CGPA Letter		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	
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.	

#### Grade Point Norms:

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: AYAN CHAKRABORTY

#### **Honours: MATHEMATICS**

Roll No. 170342000012

Semester Subject	Course	6	Grade	Credit	Grade	Value Point Poteined Dasis Of			Result			
No.	No. Code		Course Title	(G)	(V)	(G×V)	Year	CCs & DSEs	All Courses	Code		
MATHEMATICS		CC-1	Calculus, Geometry & Differential Equations	7	6	42	2017					
	MATTEMATICS	CC-2	Algebra	5	6	30	2017					
Ι	PHYSICS	GE-1	Mechanics	5	6	30	2017	6.00	6.27	Q		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	36	2017							
	MATHEMATICS	CC-3	Real Analysis	4	6	24	2018					
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	7	6	42	2018					
II	COMPUTER SCIENCE	GE-2	Database Management Systems	8	6	48	2018	5.50	6.60	Q		
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018					
	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018						
	III MATHEMATICS	CC-6	Group Theory I	4	6	24	2018					
III		CC-7	Numerical Methods	6	6	36	2018	4.67	5.31	Q		
	PHYSICS		Thermal Physics and Statistical Mechanics	7	6	42 2018						
	MATHEMATICS	SEC-1	Logic and Sets	logic and Sets 6								
		CC-8	Riemann Integration and Series of Functions	4	6	24	2019					
	MATHEMATICS	CC-9	Multivariate Calculus	6	6	36	2019	7				
IV		CC-10	Ring Theory and Linear Algebra I	5	6	30	2019	5.00	5.38	Q		
	COMPUTER SCIENCE	GE-4	Computer System Architecture	6	6 6 36 2019				1			
	MATHEMATICS	SEC-2	Graph Theory	7	2	14	2019					
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019					
V	MATHEMATICS	CC-12	Mechanics I	5	6	30	2019	6.00	6.00	Q		
	MATHEMATICS	DSE-1	Linear Programming	4	6	24	2019	0.00	0.00	V V		
	MATHEMATICS		Probability & Statistics	7	6	42	2019					
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	8	6	48	2020					
VI		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	8.75	8.75	Q		
	MATHEMATICS	DSE-3	Group Theory II	8	6	48	2020	0.75	0.15	V V		
		DSE-4	Project Work	9	6	54	2020					
	umulative Grade Point Ave umulative Grade Point Ave						Letter G	Result		t : Q		

Date of Publication of Result : 29.10.2020

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

Course Types :		CGPA Le	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All
SEC – Skin Elinancement Course	7 to below 8	A (Very Good)	Below 4	r (raii)	semesters not cleared]
AECC – Ability Enhancement	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1,
Compulsory Course	01000000 /	D+(0000)			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

# Anindya zohi Pal

## Controller of Examinations

## $\times S_i$ ) V_i



Name: DEBJANI DAS

#### **Honours: MATHEMATICS**

Roll No. 170342000020

Semester	Subia -4	Course	Course Title	Grade	Credit Value	Grade Point	Year           2017           2017           2017           2017           2017           2017           2017           2017           2017           2017           2018           2018           2018           2018           2018           2018           2018           2018           2018           2019           2020           2019           2019           2019           2019           2019           2019           2019           2020           2020           2020           2020           2020           2020           2020           2020           2020           2020           2020           2020           2020           2020		on the sis of	Result
No.	Subject	Code	Course The	(G)	(V)	(G×V)	1	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017			
	MATHEMATICS	CC-2	Algebra	4	6	24	2017			
Ι	ZOOLOGY	GE-1	Animal Diversity	6	6	36	2017	4.50	5.55	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	4	32	2017				
	MATHEMATICS	CC-3	Real Analysis	5	6	30	2020			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	4	6	24	2018			
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018	4.50	5.40	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018				
	MATHEMATICS	CC-6	Group Theory I	NA	6	NA				and
III		CC-7	Numerical Methods	4	6	24	2018			SNC
	ZOOLOGY	GE-3	Physiology and Biochemistry	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	4	2	8	2019			
		CC-8	Riemann Integration and Series of Functions	4	6	24	2020			
	MATHEMATICS	CC-9	Multivariate Calculus	4	6	24	2020			
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2020			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019	4.33	4.69	Q
	MATHEMATICS	SEC-2	Graph Theory	4	2	8	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2019			
V	MATHEMATICS	CC-12	Mechanics I	4	6	24	2019			SNC
v		DSE-1	Linear Programming	NA	6	NA				SINC
	MATHEMATICS	DSE-2	Probability & Statistics	4	6	24	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	8	6	48	2020			
3.71	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	8	6	48	2020	775	7 75	
VI	MATHEMATICS	DSE-3	Group Theory II	7	6	42	2020	7.75	7.75	Q
	MATHEMATICS	DSE-4	Project Work	8	6	48	2020			
	umulative Grade Point Av umulative Grade Point Av						Letter G	Regult		PNC

Date of Publication of Result : 29.10.2020

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

Course Types :		CGPA Let	tter 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
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

Grude i onte i tormo.			
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

# Aningra Zoh Pal Controller of Examinations



Name: RATUL PRAMANIK

**Honours: PHYSICS** 

Roll No. 170342000054

Semester	S. Lizza	Course	Course Title	Grade	Credit	Grade Point	Credit Retained Year           2017           2017           2017           2017           2018           2018           2018           2018           2018           2018           2018           2018           2018           2018           2018           2018           2018           2019           2019           2019           2019           2019           2019           2019           2019           2019           2019           2019           2019           2019           2019           2019           2019           2019           2019           2019           2019           2019           2019           2019           2020           2020           2020           2020		on the sis of	Result	
No.	Subject	Code	Course little	(G)	Value (V)	(G×V)		CCs & DSEs	All Courses	Code	
	PHYSICS	CC-1	Mathematical Physics-I	6	6	36	2017				
	rn15lC5	CC-2	Mechanics	5	6	30	2017		All         F           Courses         5.55           5.55         4.90           5.31         5.62		
Ι	MATHEMATICS	GE-1	fferential Calculus 4 6 24 2017		2017	5.50	5.55	Q			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	4	32	2017					
	PHYSICS	CC-3	thematical Physics-I66362017chanics56302017ferential Calculus46242017adamentals of Environmental Studies84322017ctricity and Magnetism46242018ves and Optics56302018tes of Matter & Chemical Kinetics, Chemical anding & Molecular Structure, P-Block5630ments72142018thematical Physics-II56302018thematical Physics56302018gital Systems and Applications66362019al Analysis56302019ments of Modern Physics56302019ments of Modern Physics56302019alog Systems & Applications66362019alog Systems & Applications66362019alog Systems & Applications76422019ution Phase Equilibria, Conductance, ctrochemistry, Analytical & Environmental emistry76302019antum Mechanics and Applications46242019id State Physics66362019id State Physics66362019vanced Mathematical Physics56302019								
		CC-4	Waves and Optics	5	6	30	2018				
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018	4.50	4.90	Q	
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018				
		CC-5	Mathematical Physics-II		6 30 2018						
	PHYSICS	CC-6	Thermal Physics	5	6	30	2018				
III		CC-7	Digital Systems and Applications	6	6	36	2018	5.33	3 5.31	Q	
	MATHEMATICS GI		Real Analysis	5	6	30	2018				
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	6	2	12	2018				
		CC-8	Mathematical Physics-III	5	6	30	2019				
	PHYSICS	CC-9	Elements of Modern Physics	5	6	30	2019				
		CC-10	Analog Systems & Applications	6	6	36	2019				
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	42 2019 5.33		5.62	Q	
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	4	2	8	2019				
	PHYSICS	CC-11	Quantum Mechanics and Applications	4	6	24	2019				
V	rn15iC5	CC-12	Solid State Physics	-	6		2019			SNC	
v	PHYSICS	DSE-1	Advanced Mathematical Physics	5	6	30	2019			SINC	
	11115105	DSE-2	Classical Dynamics	NA	6	NA					
	PHYSICS	CC-13	Electromagnetic Theory	7	6	42	2020				
VI	11115105	CC-14	Statistical Mechanics	8	6	48	2020	7.75	7 75	Q	
V I	PHYSICS	DSE-3	Nuclear and Particle Physics	7	6	42	2020	1.13	1.15		
		DSE-4	Astronomy and Astrophysics	9	6	54	2020				
	Cumulative Grade Point Av						Letter G CGP		Result		

Date of Publication of Result : 29.10.2020

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

## Anindya Zohi Pal

Controller of Examinations

Course Types :		CGPA Let		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	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

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: SUBHAJIT DAS

#### **Honours: CHEMISTRY**

Roll No. 170342000083

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	SGPA on the basis of		Result	
No.	Subject	Code	Course The	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code	
Ι	CHEMISTRY	CC-1	Organic Chemistry-I	7	6	42	2017				
		CC-2	Physical Chemistry-I 6		6	36	2017				
	PHYSICS	GE-1	Mechanics	5	6	30 2017	2017	6.50	6.18	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017				
	CHEMISTRY	CC-3	Inorganic Chemistry-I	7	6	42	2018				
Π		CC-4	Organic Chemistry-II Differential Equations		6	42	2018	7.00	6.10	Q	
	MATHEMATICS	GE-2			6	24	2018				
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2018				
	CHEMISTRY	CC-5	Physical Chemistry-II	6	6	36	2018				
III		CC-6	Inorganic Chemistry-II	7	6	42	2018	]			
		CC-7	Organic Chemistry-III 5			30	2018	6.00	6.15	Q	
	PHYSICS GE-3		Thermal Physics and Statistical Mechanics	6	6	36	36 2018				
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	8	2	16	2018				
	CHEMISTRY	CC-8	Physical Chemistry-III	6	6	36	2019	6.00	6.15	Q	
		CC-9	Inorganic Chemistry-III	7	6	42	2019				
IV		CC-10	Organic Chemistry - IV	5	6	30	2019				
	MATHEMATICS	GE-4	Algebra	6	6	36	2019				
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	8	2	16	2019				
	CHEMISTRY	CC-11			6	42	2019				
V		CC-12			2019	7.25 7.25	7.25	Q			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	7	6	42	2019	1.23	1.23	Q	
		DSE-2	Analytical Methods in Chemistry	8	6	48	2019				
	CHEMISTRY	CC-13	Inorganic Chemistry-V	8	6	48	2020				
VI		CC-14	Physical Chemistry-IV	9	6	54	2020		9.00	Q	
		DSE-3	Green Chemistry	10	6	60	2020	9.00			
	CHEMISTRY	DSE-4	Dissertation Followed by Power Point 9 6 54		54	2020					
	CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.11 CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.82							Letter Grade in CGPA : A		Result : Q	

Date of Publication of Result : 29.10.2020

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Course Types :	CGPA Letter Grades				Result Codes:	
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DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC - Programme Not Cleared [CGPA on	
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All	
		,		× ,	semesters not cleared]	
AECC – Ability Enhancement	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1,	
Compulsory Course		_ (0000)			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

## Anindya zohi Pal

Controller of Examinations