



AMITY UNIVERSITY

K O L K A T A

*on recommendation of the Academic Council
has conferred upon*

Dipsha Paul

the degree of

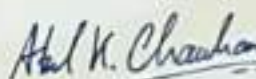
**Bachelor of Science (Honours)
(Biotechnology)**

*having passed the examination of 2022 in First Division with Distinction
with all its rights and privileges in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 16th day of March, 2023.




Vice Chancellor


Chancellor



AMITY UNIVERSITY

KOLKATA

CITATION

THIRD IN ACADEMIC PERFORMANCE

"Satisfaction lies in the effort not the attainment. Full effort is full victory" – Mahatma Gandhi.

The bronze medal is awarded to the student who stood third in the class. This the student worked brilliantly and was able to maintain high scores through all the semesters. Amity appreciates the energy, example and effectiveness displayed by the student.

Amity University Kolkata is proud to confer the "**Bronze Medal**" upon **Dipsha Paul**, student of **Bachelor of Science (Honours) (Biotechnology) (2019 - 2022)** on the 16th Day of March 2023.

Head of the Institution

Registrar

Sl. No. : KR 404721



AMITY UNIVERSITY

KOLKATA

BACHELOR OF SCIENCE (HONOURS) (BIOTECHNOLOGY)

Enrolment No. : A91704419062

Batch : 2019-2022



Statement of Grades

Name of the Institution : AMITY INSTITUTE OF BIOTECHNOLOGY

Name of the Student : DIPSHA PAUL

Mother's Name : MRS. SANGITA PAUL

Father's Name : MR. PARTHA PAUL

SEMESTER - I

SL. NO.	COURSE CODE	COURSE TITLE	MM	ACU	ECU	GR	GP
1	BIOT101	BASIC BIOTECHNOLOGY	100	2	2	A	9
2	BS101	UNDERSTANDING SELF FOR EFFECTIVENESS	100	1	1	A-	8
3	CHEM134	ESSENTIAL CHEMISTRY	100	4	4	A	9
4	ENG101	ENGLISH LANGUAGE USAGE ESSENTIALS	100	1	1	A+	10
5	EVS101	ENVIRONMENTAL STUDIES	100	4	4	A-	8
6	GCMB101	BIOMOLECULES	100	2	2	A	9
7	GRMN136	INTRODUCTION TO GERMAN CULTURE & LANGUAGE	100	2	2	A	9
8	LS102	PLANT SCIENCE- I	100	4	4	A-	8
9	LS103	ANIMAL SCIENCE- I	100	4	4	A+	10
TOTAL			900	24	24		80
SGPA : 8.83							

SEMESTER - II

SL. NO.	COURSE CODE	COURSE TITLE	MM	ACU	ECU	GR	GP
1	BS102	INDIVIDUAL SOCIETY AND NATION	100	1	1	A-	8
2	CHEM135	COMPREHENSIVE CHEMISTRY	100	4	4	A	9
3	ENG111	INTRODUCTION TO COMMUNICATION SKILLS	100	1	1	A+	10
4	ESI06	INTRODUCTION TO COMPUTER PROGRAMMING	100	2	2	A-	8
5	GRMN104	GERMAN GRAMMAR - I	100	2	2	A	9
6	LS104	PLANT SCIENCE- II	100	4	4	A	9
7	LS105	PLANT PHYSIOLOGY	100	4	4	A	9
8	LS111	ANIMAL SCIENCE- II	100	4	4	A-	8
9	LS112	BASIC MICROBIOLOGY	100	4	4	A-	8
TOTAL			900	26	26		78
SGPA : 8.62							

SEMESTER - III

SL. NO.	COURSE CODE	COURSE TITLE	MM	ACU	ECU	GR	GP
1	BC206	COMMUNICATION SKILLS - II	100	3	3	A	9
2	BIOT201	BASIC BIOANALYTICAL TECHNIQUES	100	3	3	A+	10
3	BIOT204	ANIMAL PHYSIOLOGY	100	4	4	A	9
4	BIOT203	ESSENTIALS OF ENVIRONMENTAL BIOTECHNOLOGY	100	3	3	A	9
5	BTTP100	TERM PAPER	100	1	1	A+	10
6	GCMB201	BASIC GENETICS	100	4	4	A+	10
7	GCMB202	FUNDAMENTAL BIOCHEMISTRY	100	4	4	A+	10
8	GCMB204	FUNDAMENTALS OF CELL BIOLOGY	100	4	4	A	9
9	GRMN138	WRITTEN EXPRESSION & COMPREHENSION IN GERMAN - I	100	2	2	A+	10
TOTAL			900	28	28		86
SGPA : 9.50							

SEMESTER - IV

SL. NO.	COURSE CODE	COURSE TITLE	MM	ACU	ECU	GR	GP
1	ANTH222	HUMAN ANATOMY	100	3	3	A-	8
2	BIOT203	PLANT BIOTECHNOLOGY	100	4	4	A-	8
3	BIOT211	ANIMAL BIOTECHNOLOGY	100	3	3	A+	10
4	BIOT213	BIO-STATISTICS	100	3	3	A-	8
5	BS208	CREATIVITY FOR TEAM EXCELLENCE	100	3	3	A	9
6	CSIT234	DATA BASE MANAGEMENT IN BIOTECHNOLOGY	100	4	4	A+	10
7	GCMB103	INTRODUCTION TO BIOPHYSICS	100	2	2	A	9
8	GCMB203	BASICS OF MOLECULAR BIOLOGY	100	4	4	A-	8
9	GCMB211	CHEMICAL BIOLOGY	100	2	2	A+	10
10	GRMN112	COMMUNICATIVE GERMAN - I	100	2	2	A+	10
11	LS205	BIOMATERIAL SCIENCE	100	2	2	A-	8
TOTAL			1100	32	32		98
SGPA : 8.84							

Prepared by

Place: Kolkata, West Bengal

Dated: 16-03-2023

Checked by

MM = Maximum Marks, ACU = Associated Credit Units, ECU = Earned Credit Units, GR = Grade, GP = Grade Point, S = Satisfactory, U = Unsatisfactory
 SGPA = Semester Grade Point Average, CGPA = Cumulative Grade Point Average, I = Incomplete, DE = Debarred, AB = Absent,
 Note: 1. For Scheme of Evaluation, Please see details overleaf. 2. May be verified at www.amity.edu/ocvsl

CONTROLLER OF EXAMINATIONS

Sl. No. : KR 201905



AMITY UNIVERSITY

KOLKATA

Enrolment No. : A91704419062

Batch : 2019-2022



BACHELOR OF SCIENCE (HONOURS) (BIOTECHNOLOGY)

Statement of Grades

Name of the Institution : AMITY INSTITUTE OF BIOTECHNOLOGY

Name of the Student : DIPSHA PAUL

Mother's Name : MRS. SANGITA PAUL

Father's Name : MR. PARTHA PAUL

SEMESTER - V								SEMESTER - VI								
SL. NO.	COURSE CODE	COURSE TITLE	MM	ACU	ECU	GR	GP	SL. NO.	COURSE CODE	COURSE TITLE	MM	ACU	ECU	GR	GP	
1	BIOF201	INTRODUCTION TO BIOINFORMATICS	100	4	4	A+	10	1	ANTH303	IPR AND REGULATORY ISSUES	100	2	2	A	9	
2	BIOT314	HUMAN GENETICS AND GENE THERAPY	100	3	3	A-	8	2	BIOT305	CLINICAL BIOCHEMISTRY	100	4	4	A+	10	
3	BIOT322	BASIC FOOD BIOTECHNOLOGY	100	3	3	A+	10	3	BIOT323	DEVELOPMENTAL BIOLOGY	100	3	3	A	9	
4	BTS100	SUMMER INTERNSHIP	100	3	3	A+	10	4	BIOT325	STEM CELLS AND TISSUE ENGINEERING	100	3	3	A	9	
5	GCMB302	BASICS OF RECOMBINANT DNA TECHNOLOGY	100	4	4	A+	10	5	BTPJ100	PROJECT	100	6	6	A+	10	
6	GCMB305	ENZYMOLGY	100	3	3	A+	10	6	GCMB318	CONCEPTS OF GENOMICS AND PROTEOMICS	100	4	4	A-	8	
7	GRMN109	COMMUNICATIVE GERMAN- II	100	2	2	A+	10	7	GRMN121	GERMAN WRITTEN EXPRESSION AND COMPREHENSION - II	100	2	2	A	9	
8	IMUN201	IMMUNOLOGY	100	4	4	A+	10	8	SW102	HUMAN VALUES AND COMMUNITY OUTREACH	100	2	2	A+	10	
9	PFE301	PROFESSIONAL ETHICS AND SOCIAL RESPONSIBILITY	100	2	2	A+	10									
SGPA : 9.79			TOTAL	900	28	28	88	SGPA : 9.31			TOTAL	900	26	26		74

CGPA : 9.15

FIRST DIVISION WITH DISTINCTION

Prepared by
Place: Kolkata, West Bengal

Checked by

MM = Maximum Marks, ACU = Associated Credit Units, ECU = Earned Credit Units, GR = Grade, GP = Grade Point, S = Satisfactory, U = Unsatisfactory
 SGPA = Semester Grade Point Average, CGPA = Cumulative Grade Point Average, I = Incomplete, DE = Debarred, AB = Absent,
 Note: 1. For Scheme of Evaluation, Please see details overleaf. 2. May be verified at www.amity.edu/ocv/

Dated: 16-03-2023

 CONTROLLER OF EXAMINATIONS

SCHEME OF EVALUATION & GRADING

- Evaluation of student performance in each course-unit has two components: (a) Internal Continuous Assessment (course work) and (b) the Semester / Year Examinations which are held at the end of Semester / Academic Year.
- The level of students academic performance as the aggregate of Continuous Evaluation and End Semester Examination is reflected by letter grades on a Ten Point Scale according to the connotations given in the Table - A.
- Course credit units are integer numbers indicating the weightage assigned to a course unit, project, dissertation, research work, internship etc. on the basis of contact hours per week on all learning activities.
- Mandatory Course - Passing in Course is Compulsory. However, Credit is not counted for calculation of SGPA / CGPA.

5. SEMESTER GRADE POINT AVERAGE

The semester performance of the student is indicated as "Semester Grade Point Average (SGPA)" at the end of each semester. SGPA is the weighted average of Grade Points of all letter grades secured by a student for all the course units in the Semester. The formula for computing SGPA is as under:

$$\text{SGPA} = \frac{U_1 G_1 + U_2 G_2 + U_3 G_3 + \dots}{U_1 + U_2 + U_3 + \dots}$$

Where $U_1, U_2, U_3 \dots$ denote units associated with the courses taken by the student and $G_1, G_2, G_3 \dots$ are the Grade points of the letter grades awarded in the respective course units.

6. CUMULATIVE GRADE POINT AVERAGE (CGPA)

The CGPA is used to describe overall performance in all courses in letter grades which a student has obtained. It is weighted average of grade points obtained by him/her in all the Semesters/Years.

$$\text{CGPA} = \frac{\text{Cumulative Grade Points Secured in all passed courses}}{\text{Cumulative Associated Credit Units}} \quad \text{i.e. } \text{CGPA} = \frac{U_1 G_1 + U_2 G_2 + U_3 G_3 + \dots}{U_1 + U_2 + U_3 + \dots}$$

7. MINIMUM ACADEMIC REQUIREMENTS:

- The Student must score a minimum Grade 'C+' in each course unit.
- The minimum passing SGPA for each semester is 4.5 for Under Graduate Programmes and 5.0 for Post Graduate, Integrated and Dual Degree Programmes.
- The student should secure a minimum overall Cumulative Grade Point Average (CGPA) as under :

Level of Programme →	UG / Dual & Integrated UG Programme	Diploma Programme (UG Level)	Diploma Programme (PG Level 01 Year)	Adv. PG Diploma (1.5 Years & above)	PG Diploma (01 / 02 Years)	PG / Integrated / Dual Degree (PG Level)
Passing CGPA →	5.0	5.0	5.0	5.5	5.5	6.0

8. CONVERSION OF CGPA TO PERCENTAGE OF MARKS

Conversion from CGPA to percentage of marks do not have rigor or rationale. However, an approximate and indicative equivalence between CGPA and percentage of marks can be assessed by multiplying CGPA by 10.

Table - A

Grade	Qualitative Value	Grade Points
A+	Outstanding	10
A	Excellent	9
A-	Very Good	8
B+	Good	7
B	Fair	6
B-	Satisfactory	5
C+	Pass	4
F	Fail	0

Table - B

DIVISION:	
CGPA	EQUIVALENT DIVISION
8.5 and above	First Division with Distinction
6.5 but less than 8.5	First Division
6.0 but less than 6.5	Second Division (in the case of PG, Integrated and Dual Degree PG programmes)
5.0 but less than 6.5	Second Division [in the case of UG / Diploma programmes (UG Level and PG Level 01 Year)]
5.5 but less than 6.5	Second Division [in the case of PG Diploma and Adv. PG Diploma (1.5 Years)]



AMITY UNIVERSITY

KOLKATA

BACHELOR OF SCIENCE (HONOURS) (BIOTECHNOLOGY)



Statement of Grades

Examination : Sem - VI, June, 2022

Name of the Institution : AMITY INSTITUTE OF BIOTECHNOLOGY

Name of the Student : DIPSHA PAUL

Mother's Name : MRS. SANGITA PAUL

Father's Name : MR. PARTHA PAUL

Enrolment No. : A91704419062

SL. NO.	COURSE CODE	COURSE TITLE	MAXIMUM MARKS	CONTINUOUS ASSESSMENT WEIGHTAGE (%)	END SEMESTER EXAMINATION WEIGHTAGE (%)	ASSOCIATED CREDIT UNITS	GRADE OBTAINED	GRADE POINTS	CREDIT POINTS (COL VI x 30)	EARNED CREDIT UNITS
I	II	III	IV	V	VI	VII	VIII	IX	X	XI
1	ANTH303	IPR AND REGULATORY ISSUES	100	40	60	2	A	9	18	2
2	BIOT305	CLINICAL BIOCHEMISTRY	100	50	50	4	A+	10	40	4
3	BIOT323	DEVELOPMENTAL BIOLOGY	100	50	50	3	A	9	27	3
4	BIOT325	STEM CELLS AND TISSUE ENGINEERING	100	50	50	3	A	9	27	3
5	BTPJ100	PROJECT	100	40	60	6	A+	10	60	6
6	GCMB318	CONCEPTS OF GENOMICS AND PROTEOMICS	100	50	50	4	A-	8	32	4
7	GRMN121	GERMAN WRITTEN EXPRESSION AND COMPREHENSION - II	100	40	60	2	A	9	18	2
8	SW102	HUMAN VALUES AND COMMUNITY OUTREACH	100	50	50	2	A+	10	20	2
TOTAL			800	-	-	26		-	242	26

SGPA : 9.31

CGPA : 9.15

FIRST DIVISION WITH DISTINCTION

Prepared by AB

Checked by NB

Controller of Examinations

Kolkata, West Bengal

Dated : 06-08-2022 Note : For Scheme of Evaluation and Grading, please see details overleaf

I = Incomplete, DE = Debarred, AB = Absent, S = Satisfactory, U = Unsatisfactory



AMITY UNIVERSITY KOLKATA



BACHELOR OF SCIENCE (HONOURS) (BIOTECHNOLOGY)

Statement of Grades

Examination : Sem - V, January, 2022

Name of the Institution : AMITY INSTITUTE OF BIOTECHNOLOGY

Name of the Student : DIPSHA PAUL

Mother's Name : MRS. SANGITA PAUL

Father's Name : MR. PARTHA PAUL

Enrolment No. : A91704419062

SL. NO.	COURSE CODE	COURSE TITLE	INTERNAL MARKS	CONTINUOUS ASSESSMENT WEIGHTAGE (%)	END SEMESTER EXAMINATION WEIGHTAGE (%)	ASSOCIATED CREDIT UNITS	GRADE OBTAINED	GRADE POINTS	CREDIT POINTS (COL VII x IX)	EARNED CREDIT UNITS
I	II	III	IV	V	VI	VII	VIII	IX	X	XI
1	BIOF201	INTRODUCTION TO BIOINFORMATICS	100	50	50	4	A+	10	40	4
2	BIOT314	HUMAN GENETICS AND GENE THERAPY	100	50	50	3	A-	8	24	3
3	BIOT322	BASIC FOOD BIOTECHNOLOGY	100	50	50	3	A+	10	30	3
4	BTS1100	SUMMER INTERNSHIP	100	30	70	3	A+	10	30	3
5	GCMB302	BASICS OF RECOMBINANT DNA TECHNOLOGY	100	50	50	4	A+	10	40	4
6	GCMB305	ENZYMOLGY	100	50	50	3	A+	10	30	3
7	GRMN139	COMMUNICATIVE GERMAN- II	100	40	60	2	A+	10	20	2
8	IMUN201	IMMUNOLOGY	100	50	50	4	A+	10	40	4
9	PFE301	PROFESSIONAL ETHICS AND SOCIAL RESPONSIBILITY	100	50	50	2	A+	10	20	2
TOTAL			900	-	-	28		-	274	28

SGPA : 9.79

CGPA : 9.12

Prepared by RP

Checked by NB

Controller of Examinations

Kolkata, West Bengal

Dated : 26-05-2022 Note : For Scheme of Evaluation and Grading, please see details overleaf

I = Incomplete, DE = Debarred, AB = Absent, S = Satisfactory, U = Unsatisfactory



AMITY UNIVERSITY KOLKATA



BACHELOR OF SCIENCE (HONOURS) (BIOTECHNOLOGY)

Statement of Grades

Examination : Sem - IV, June, 2021

Name of the Institution : AMITY INSTITUTE OF BIOTECHNOLOGY

Name of the Student : DIPSHA PAUL

Mother's Name : MRS. SANGITA PAUL

Father's Name : MR. PARTHA PAUL

Enrolment No. : A91704419062

Sl. No.	COURSE CODE	COURSE TITLE	MAXIMUM MARKS	CONTINUOUS ASSESSMENT WEIGHTAGE (%)	END SEMESTER EXAMINATION WEIGHTAGE (%)	ASSOCIATED CREDIT UNITS	GRADE OBTAINED	GRADE POINTS	CREDIT POINTS (COL V1 x 10)	EARNED CREDIT UNITS
I	II	III	IV	V	VI	VII	VIII	IX	X	XI
1	ANTH222	HUMAN ANATOMY	100	40	60	3	A-	8	24	3
2	BIOT203	PLANT BIOTECHNOLOGY	100	50	50	4	A-	8	32	4
3	BIOT211	ANIMAL BIOTECHNOLOGY	100	50	50	3	A+	10	30	3
4	BIOT213	BIO-STATISTICS	100	50	50	3	A-	8	24	3
5	BS208	CREATIVITY FOR TEAM EXCELLENCE	100	50	50	3	A	9	27	3
6	CSIT234	DATA BASE MANAGEMENT IN BIOTECHNOLOGY	100	30	70	4	A+	10	40	4
7	GCMB103	INTRODUCTION TO BIOPHYSICS	100	50	50	2	A	9	18	2
8	GCMB203	BASICS OF MOLECULAR BIOLOGY	100	50	50	4	A-	8	32	4
9	GCMB211	CHEMICAL BIOLOGY	100	50	50	2	A+	10	20	2
10	GRMN112	COMMUNICATIVE GERMAN - I	100	40	60	2	A+	10	20	2
11	LS205	BIOMATERIAL SCIENCE	100	50	50	2	A-	8	16	2
TOTAL			1100	-	-	32		-	283	32

SGPA : 8.84

CGPA : 8.95

Prepared by

Checked by

Controller of Examinations

Kolkata, West Bengal

Dated : 09-08-2021 Note : For Scheme of Evaluation and Grading, please see details overleaf
I = Incomplete, DE = Debarred, AB = Absent, S = Satisfactory, U = Unsatisfactory



AMITY UNIVERSITY

KOLKATA

BACHELOR OF SCIENCE (HONOURS) (BIOTECHNOLOGY)



Statement of Grades

Examination : Sem - III, December, 2020

Name of the Institution : AMITY INSTITUTE OF BIOTECHNOLOGY

Name of the Student : DIPSHA PAUL

Mother's Name : MRS. SANGITA PAUL

Father's Name : MR. PARTHA PAUL

Enrolment No. : A91704419062

SL. NO	COURSE CODE	COURSE TITLE	MAXIMUM MARKS	CONTINUOUS ASSESSMENT WEIGHTAGE (%)	END SEMESTER EXAMINATION WEIGHTAGE (%)	ASSOCIATED CREDIT UNITS	GRADE OBTAINED	GRADE POINTS	CREDIT POINTS (COL. 9 X 10)	EARNED CREDIT UNITS
I	II	III	IV	V	VI	VII	VIII	IX	X	XI
1	BC206	COMMUNICATION SKILLS - II	100	50	50	3	A	9	27	3
2	BIOT201	BASIC BIOANALYTICAL TECHNIQUES	100	50	50	3	A+	10	30	3
3	BIOT204	ANIMAL PHYSIOLOGY	100	50	50	4	A	9	36	4
4	BIOT303	ESSENTIALS OF ENVIRONMENTAL BIOTECHNOLOGY	100	50	50	3	A	9	27	3
5	BTTP100	TERM PAPER	100	30	70	1	A+	10	10	1
6	GCMB201	BASIC GENETICS	100	50	50	4	A+	10	40	4
7	GCMB202	FUNDAMENTAL BIOCHEMISTRY	100	50	50	4	A+	10	40	4
8	GCMB204	FUNDAMENTALS OF CELL BIOLOGY	100	50	50	4	A	9	36	4
9	GRMN138	WRITTEN EXPRESSION & COMPREHENSION IN GERMAN - I	100	40	60	2	A+	10	20	2
TOTAL			900	-	-	28		-	266	28

SGPA : 9.50

CGPA : 9.00

Prepared by

Checked by

Controller of Examinations

Kolkata, West Bengal

Dated : 04-06-2021 Note : For Scheme of Evaluation and Grading, please see details overleaf
I = Incomplete, DE = Debarred, AB = Absent, S = Satisfactory, U = Unsatisfactory



AMITY UNIVERSITY

KOLKATA

BACHELOR OF SCIENCE (HONOURS) (BIOTECHNOLOGY)



Statement of Grades

Examination : Sem - II, Even Sem. 2020

Name of the Institution : AMITY INSTITUTE OF BIOTECHNOLOGY

Name of the Student : DIPSHA PAUL

Mother's Name : MRS. SANGITA PAUL

Father's Name : MR. PARTHA PAUL

Enrolment No. : A91704419062

SL NO.	COURSE CODE	COURSE TITLE	MAXIMUM MARKS	CONTINUOUS ASSESSMENT WEIGHTAGE (%)	END SEMESTER EXAMINATION WEIGHTAGE (%)	ASSOCIATED CREDIT UNITS	GRADE OBTAINED	GRADE POINTS	CREDIT POINTS (COL. VI X IX)	EARNED CREDIT UNITS
I	II	III	IV	V	VI	VII	VIII	IX	X	XI
1	BS102	INDIVIDUAL SOCIETY AND NATION	100	40	60	1	A-	8	8	1
2	CHEM135	COMPREHENSIVE CHEMISTRY	100	50	50	4	A	9	36	4
3	ENG111	INTRODUCTION TO COMMUNICATION SKILLS	100	30	70	1	A+	10	10	1
4	ES106	INTRODUCTION TO COMPUTER PROGRAMMING	100	50	50	2	A-	8	16	2
5	GRMN104	GERMAN GRAMMAR - I	100	40	60	2	A	9	18	2
6	LS104	PLANT SCIENCE- II	100	50	50	4	A	9	36	4
7	LS105	PLANT PHYSIOLOGY	100	50	50	4	A	9	36	4
8	LS111	ANIMAL SCIENCE- II	100	50	50	4	A-	8	32	4
9	LS112	BASIC MICROBIOLOGY	100	50	50	4	A-	8	32	4
TOTAL			900	-	-	26		-	224	26

SGPA : 8.62

CGPA : 8.72

Prepared by AB

Checked by Am

Controller of Examinations

Kolkata, West Bengal

Dated : 06-11-2020 Note : For Scheme of Evaluation and Grading, please see details overleaf
I = Incomplete, DE = Debarred, AB = Absent, S = Satisfactory, U = Unsatisfactory



AMITY UNIVERSITY

KOLKATA



BACHELOR OF SCIENCE (HONOURS) (BIOTECHNOLOGY)

Statement of Grades

Examination : Sem - I, Nov. 2019

Name of the Institution : AMITY INSTITUTE OF BIOTECHNOLOGY

Name of the Student : DIPSHA PAUL

Mother's Name : MRS. SANGITA PAUL

Father's Name : MR. PARTHA PAUL

Enrolment No. : A91704419062

SL. NO.	COURSE CODE	COURSE TITLE	MAXIMUM MARKS	LOW/REGULAR ASSESSMENT WEIGHTAGE (%)	END SEMESTER EXAMINATION WEIGHTAGE (%)	ASSOCIATED CREDIT UNITS	GRADE OBTAINED	GRADE POINTS	CREDIT POINTS (CQI, VI x IX)	EARNED CREDIT UNITS
I	II	III	IV	V	VI	VII	VIII	IX	X	XI
1	BIOT101	BASIC BIOTECHNOLOGY	100	30	70	2	A	9	18	2
2	BS101	UNDERSTANDING SELF FOR EFFECTIVENESS	100	40	60	1	A-	8	8	1
3	CHEM134	ESSENTIAL CHEMISTRY	100	30	70	4	A	9	36	4
4	ENG101	ENGLISH LANGUAGE USAGE ESSENTIALS	100	30	70	1	A+	10	10	1
5	EVS101	ENVIRONMENTAL STUDIES	100	50	50	4	A-	8	32	4
6	GCMB101	BIOMOLECULES	100	30	70	2	A	9	18	2
7	GRMN136	INTRODUCTION TO GERMAN CULTURE & LANGUAGE	100	40	60	2	A	9	18	2
8	LS102	PLANT SCIENCE- I	100	30	70	4	A-	8	32	4
9	LS103	ANIMAL SCIENCE- I	100	30	70	4	A+	10	40	4
TOTAL			900	-	-	24		-	212	24

SGPA : 8.83

Prepared by

Checked by

Controller of Examinations

Kolkata, West Bengal

Dated : 14-03-2020 Note : For Scheme of Evaluation and Grading, please see details overleaf
I = Incomplete, DE = Debarred, AB = Absent, S = Satisfactory, U = Unsatisfactory

SCHEME OF EVALUATION & GRADING

1. Evaluation of student performance in each course-unit has two components: (a) Internal Continuous Assessment (course work) and (b) the Semester/Year Examinations which are held at the end of Semester/Academic Year.
2. The level of student academic performance as the aggregate of Continuous Evaluation and End Semester Examination is reflected by letter grades on a Ten Point Scale according to the connotations given below:

Grade	Qualitative Value	Grade Points
A+	Outstanding	10
A	Excellent	9
A-	Very Good	8
B+	Good	7
B	Fair	6
B-	Satisfactory	5
C+	Pass	4
F	Fail	0

3. Course credit units are integer numbers indicating the weightage assigned to a course unit, project, research work, summer internship etc. on the basis of contact hours per week on all learning activities.
4. Mandatory Course - Passing is Mandatory. Credit is not counted for calculation of SGPA/ CGPA.

5. MINIMUM ACADEMIC REQUIREMENTS:

- (i) The student must score a minimum Grade 'C+' in each course unit.
- (ii) The minimum passing SGPA for each semester is 4.5 for Under Graduate Programmes and 5.0 for Post Graduate, Integrated and Dual Degree Programmes.
- (iii) The student should secure a minimum overall Cumulative Grade Point Average (CGPA) of 6 in the case of Post Graduate, Integrated and Dual Degree Programmes and 5.0 in the case of Under Graduate programmes at the end of final year to become eligible for award of degree.

6. SEMESTER GRADE POINT AVERAGE

The semester performance of the student is indicated as "Semester Grade Point Average (SGPA)" at the end of each semester. SGPA is the weighted average of Grade Points of all letter grades secured by a student for all the course units in the Semester. The formula for computing SGPA/AGPA is as under:

$$SGPA = \frac{U1G1 + U2G2 + U3G3 + \dots}{U1 + U2 + U3 + \dots}$$

Where U1, U2, U3 ... denote credits associated with the courses taken by the students and G1, G2, G3 ... are the Grade Points of the letter grades awarded in the respective courses.

7. CUMULATIVE GRADE POINT AVERAGE (CGPA)

The CGPA is used to describe overall performance in all courses in letter grades which a student has obtained. It is weighted average of grade points obtained by him/her in all the semesters/years.

$$CGPA = \frac{\text{Cumulative Grade Points Secured in all passed courses}}{\text{Cumulative Associated Credit Units}}$$

$$\text{i.e. } CGPA = \frac{U1G1 + U2G2 + U3G3 + \dots}{U1 + U2 + U3 + \dots}$$

8. CONVERSION OF CGPA TO PERCENTAGE OF MARKS

Conversion from CGPA to percentage of marks does not have rigor or rationale. However, an approximate and indicative equivalence between CGPA and percentage of marks can be assessed by multiplying CGPA with 10.

9. DIVISION:

CGPA

- 8.5 and above
- 6.5 but less than 8.5
- 6.0 but less than 6.5
- 5.0 but less than 6.5

EQUIVALENT DIVISION

- First Division with Distinction
- First Division
- Second Division (in the case of Post Graduate, Integrated & Dual Degree Programmes)
- Second Division (in the case of Under Graduate Programmes)