



AYYA NADAR JANAKI AMMAL COLLEGE, SIVAKASI

(An Autonomous Institution Affiliated to the Madurai Kamaraj University, Madurai, Re-accredited (4th cycle) with

'A+' Grade (CGPA 3.48 out of 4) by NAAC and recognized by UGC as College of Excellence)

B.Sc., Degree Examinations, APRIL 2023

MARKS CUM GRADE STATEMENT

(OUTCOME BASED EDUCATION - CHOICE BASED CREDIT SYSTEM)

ANJAC 220256



NAME : SHARMILA S

REGISTER No. : 20UT23

PROGRAMME : BIOTECHNOLOGY

ADMITTED IN : JUNE 2020

PART	SEMESTER	COURSE CODE	TITLE OF THE COURSE	CREDIT	Maximum Marks			Marks Secured			GRADE POINT	GRADE	RESULT	MONTH & YEAR OF PASSING
					INTERNAL	EXTERNAL	TOTAL	INTERNAL	EXTERNAL	TOTAL				
I	1	20UJS101	TAMIL COURSE-I	3	40	60	100	37	49	86	8.6	D++	P	N20
II	1	20UFS101	ENGLISH COURSE-I	3	40	60	100	34	42	76	7.6	D	P	N20
III	1	20UTC101	CELL BIOLOGY AND HISTOCHEMISTRY	6	40	60	100	38	40	78	7.8	D	P	N20
III	1	20UYA101	GENERAL MICROBIOLOGY	4	40	60	100	38	45	83	8.3	D+	P	N20
IV	1	20UOP101	VALUE EDUCATION, PROFESSIONAL ETHICS, HUMAN RIGHTS AND WOMEN STUDIES	1	100		100	82		82	8.2	D+	P	N20
I	2	20UJS202	TAMIL COURSE-II	3	40	60	100	35	42	77	7.7	D	P	A21
II	2	20UFS202	ENGLISH COURSE-II	3	40	60	100	31	45	76	7.6	D	P	A21
III	2	20UTC202	CLASSICAL GENETICS	6	40	60	100	36	50	86	8.6	D++	P	A21
III	2	20UTC203	CORE PRACTICAL-I	2	50	50	100	49	44	93	9.3	O	P	A21
III	2	20UYA202	APPLIED MICROBIOLOGY	4	40	60	100	30	38	68	6.8	A+	P	A21
III	2	20UYA203	ALLIED MICROBIOLOGY PRACTICAL	2	50	50	100	45	43	88	8.8	D++	P	A21
IV	2	20UYN201	MICROBIOLOGY FOR SOCIETY	1	100		100	47		47	4.7	C++	P	A21
IV	2	20UOT201	INFORMATION TECHNOLOGY-PRACTICAL	1	100		100	95		95	9.5	O+	P	A21
IV	2	20UOP202	PHYSICAL EDUCATION-PRACTICAL-I	1		100	100		60	60	6.0	A	P	A21
I	3	20UJS303	TAMIL COURSE-III	3	40	60	100	28	48	76	7.6	D	P	N21
II	3	20UFS303	ENGLISH COURSE-III	3	40	60	100	28	42	70	7.0	A++	P	N21
III	3	20UTC304	BIOCHEMISTRY	5	40	60	100	31	51	82	8.2	D+	P	N21
III	3	20UTC305	BIOSTATISTICS	5	40	60	100	36	42	78	7.8	D	P	N21
III	3	20UCA304	CHEMISTRY FOR BIOLOGISTS-I	4	40	60	100	32	44	76	7.6	D	P	N21
IV	3	20UQN301	ENVIRONMENTAL STUDIES	1	100		100	73		73	7.3	A++	P	N21
I	4	20UJS404	TAMIL COURSE-IV	3	40	60	100	33	31	64	6.4	A	P	A22
II	4	20UFS404	ENGLISH COURSE-IV	3	40	60	100	28	36	64	6.4	A	P	A22
III	4	20UTC406	MOLECULAR BIOLOGY	5	40	60	100	29	47	76	7.6	D	P	A22
III	4	20UTC407	CORE PRACTICAL-II	2	50	50	100	49	46	95	9.5	O+	P	A22
III	4	20UCA405	CHEMISTRY FOR BIOLOGISTS-II	4	40	60	100	32	43	75	7.5	D	P	A22
III	4	20UCA406	CHEMISTRY PRACTICAL FOR BIOLOGISTS	2	50	50	100	44	47	91	9.1	O	P	A22
III	4	20UTE401	AGRICULTURAL BIOTECHNOLOGY	4	40	60	100	30	36	66	6.6	A+	P	A22
IV	4	20UOP403	PHYSICAL EDUCATION-PRACTICAL-II	1		100	100		52	52	5.2	B	P	A22
IV	4	20UOP404	YOGA AND MEDITATION	1	100		100	60		60	6.0	A	P	A22
V	4	20UXF401	RED RIBBON CLUB	1	100		100	67		67	6.7	A+	P	A22
V	4	20UTO401	PHARMACEUTICAL BIOTECHNOLOGY	5	100		100	64		64	6.4	A	P	A22
III	5	20UTC508	GENETIC ENGINEERING	6	40	60	100	29	35	64	6.4	A	P	N22
III	5	20UTC509	IMMUNOLOGY AND IMMUNOTECHNOLOGY	6	40	60	100	35	51	86	8.6	D++	P	N22
III	5	20UTC510	STEM CELLS BIOLOGY	6	40	60	100	30	43	73	7.3	A++	P	N22
III	5	20UTC511	CORE PRACTICAL-III	3	50	50	100	49	47	96	9.6	O+	P	N22
III	5	20UTC512	COMPREHENSION AND VIVA VOCE-I	1		100	100		74	74	7.4	A++	P	N22
III	5	20UBE502	ORGANIC FARMING	4	40	60	100	28	28	56	5.6	B+	P	N22
IV	5	20UOP505	GK AND TEST OF REASONING	1	100		100	82		82	8.2	D+	P	N22
III	6	20UTC613	PLANT BIOTECHNOLOGY	5	40	60	100	36	32	68	6.8	A+	P	A23
III	6	20UTC614	INDUSTRIAL BIOTECHNOLOGY	5	40	60	100	31	44	75	7.5	D	P	A23
III	6	20UTC615	CORE PRACTICAL-IV	3	50	50	100	50	49	99	9.9	O+	P	A23
III	6	20UTC616	INTERNSHIP	1	100		100	95		95	9.5	O+	P	A23
III	6	20UTC617	COMPREHENSION AND VIVA VOCE-II	1		100	100		66	66	6.6	A+	P	A23
III	6	20UTL602	PROJECT AND VIVA-VOCE	7	20	80	100	17	71	88	8.8	D++	P	A23
III	6	20ULE603	ENGLISH FOR COMPETITIVE EXAMINATIONS	4	40	60	100	33	41	74	7.4	A++	P	A23
IV	6	20UOP606	SOFT SKILLS DEVELOPMENT	1	100		100	68		68	6.8	A+	P	A23
IV	6	20UYJ601	QUALITY CONTROL FOR FOOD & IND. PRO.	1	100		100	78		78	7.8	D	P	A23

<< END OF STATEMENT >>

MEDIUM OF INSTRUCTION : ENGLISH

CUMULATIVE PERFORMANCE				DATE OF BIRTH : 23/01/2003	
PART	CREDITS EARNED IN ALL SEMESTERS	CGPA	GRADE	CLASSIFICATION	
I	12 / 12	7.58	D	FIRST CLASS WITH DISTINCTION	
II	12 / 12	7.15	A++	FIRST CLASS	
III	107 / 107	7.83	D	FIRST CLASS WITH DISTINCTION	
IV	10 / 10	6.97			
V	1 / 1	6.70			
Total Credits	142 / 142				

S. Sharmila
Signature of the Candidate



27 JUNE 2023
DATE OF ISSUE



Dr. C. Ashok
PRINCIPAL

Dr. M.K. Rajan
CONTROLLER OF EXAMINATIONS
(UG PROGRAMMES)

For Part-I, Part-II and Part-III Courses, passing minimum is 35% marks in Terminal Examination and 40% marks in aggregate of both Internal and Terminal Examinations. For Part-IV and Part-V, passing minimum is 35% marks except Environmental studies (passing minimum is 35% marks in Terminal examination and 40% marks in aggregate).

Marks Cum Grade :

The grade point for each course is computed by dividing the Total Marks by 10.

The following table gives the grade points and the letter grades for the total marks obtained by the candidate in each course.

Table of Grade Points and Letter Grades :

RANGE OF MARKS	95 to 100	90 to 94	85 to 89	80 to 84	75 to 79	70 to 74	65 to 69	60 to 64	55 to 59	50 to 54	45 to 49	40 to 44	0 to 39	ABSENT	PART - IV & V ONLY	
															35 to 39	0 to 34
GRADE POINTS	9.5 to 10.0	9.0 to 9.4	8.5 to 8.9	8.0 to 8.4	7.5 to 7.9	7.0 to 7.4	6.5 to 6.9	6.0 to 6.4	5.5 to 5.9	5.0 to 5.4	4.5 to 4.9	4.0 to 4.4	0	0.0	3.5 to 3.9	0 to 3.4
LETTER GRADES	O+	O	D++	D+	D	A++	A+	A	B+	B	C++	C+	U	AA	C	U

For example : For the total mark 83, the grade point is 8.3

Calculation of grade point average for a semester examination

$$\text{GPA (Grade Point Average)} = \frac{\sum_i C_i G_i}{\sum_i C_i} \text{ OR}$$

$$\text{GPA} = \frac{\text{Sum of the multiplication of grade point by the respective credit of the course cleared in a semester}}{\text{Sum of the credits of all the courses cleared in a semester}}$$

$$\text{CGPA (Cumulative Grade Point Average)} = \frac{\sum_i C_i G_i}{\sum_i C_i} \text{ OR}$$

$$\text{CGPA} = \frac{\text{Sum of the multiplication of grade point by the respective credit of the course cleared in the entire programme}}{\text{Sum of the credits of all the courses cleared in the programme}}$$

Where ' C_i ' - Credits earned for course i in any semester.

' G_i ' - Grade point obtained for course i in any semester.

' \sum_i ' - Summation of all courses cleared in a semester in the case of GPA and all courses cleared in all semesters in the case of CGPA

CGPA	GRADE	CLASSIFICATION OF FINAL RESULT
9.50 - 10.00	O+	FIRST CLASS WITH DISTINCTION
9.00 - 9.49	O	
8.50 - 8.99	D++	
8.00 - 8.49	D+	
7.50 - 7.99	D	
7.00 - 7.49	A++	FIRST CLASS
6.50 - 6.99	A+	
6.00 - 6.49	A	
5.50 - 5.99	B+	SECOND CLASS
5.00 - 5.49	B	
4.50 - 4.99	C++	THIRD CLASS
4.00 - 4.49	C+	

Other Abbreviations

Pass - P, Reappear - RA, Absent - AA, mp - Malpractice, np - Not Permitted, wh - Withheld.

Note : This invalidates all previous Statement of Marks Cum Grade.



CONSOLIDATED STATEMENT OF GRADES

NAME : SHARMILA S
PROGRAMME : M.Sc
BRANCH : Biotechnology

FOLIO NO. : 04292
REGISTER NO. : 23BTP027
MONTH & YEAR OF
LAST APPEARANCE : May 2025

Sem	Course Code	Course Title	Credits	Letter Grade	Grade Point	Month & Year of Passing
1	23BTP101	Biochemistry	4.0	A	8.0	Nov 23
1	23BTP102	Microbiology	4.0	A	8.0	Nov 23
1	23BTP103	Cell Biology and Molecular Genetics	4.0	A	8.0	Nov 23
1	23BTP104	Bioinstrumentation and Biostatistics	4.0	B	6.0	Nov 23
1	23BTP105A	Ecology Biodiversity and Evolutionary Biology	4.0	A	8.0	Nov 23
1	23BTP111	Analytical Biochemistry Practical - I	2.0	A+	9.0	Nov 23
1	23BTP112	Microbiology and Molecular Genetics Practical - II	2.0	A+	9.0	Nov 23
2	23BTP201	Recombinant DNA Technology	4.0	A	8.0	Apr 24
2	23BTP202	Immunology and Immunotechnology	4.0	A	8.0	Apr 24
2	23BTP203	Molecular and Developmental Biology	4.0	A+	9.0	Apr 24
2	23BTP204	Fermentation and Bioprocess Technology	4.0	A	8.0	Apr 24
2	23BTP205A	Microbial Biotechnology	4.0	A	8.0	Apr 24
2	23BTP211	Recombinant DNA Fermentation and Bioprocess Technology Practical - III	2.0	A+	9.0	Apr 24
2	23BTP212	Immunology and Immunotechnology Practical - IV	2.0	A+	9.0	Apr 24
3	23BTP301	Plant Biotechnology	4.0	A	8.0	Nov 24
3	23BTP302	Animal Biotechnology	4.0	A+	9.0	Nov 24
3	23BTP303	Environmental Biotechnology	4.0	A	8.0	Nov 24
3	23BTP304	Genomics Proteomics and Bioinformatics	4.0	A	8.0	Nov 24
3	23BTP305A	Food Biotechnology	3.0	A	8.0	Nov 24
3	23BTP311	Plant and Animal Biotechnology Practical - V	2.0	O	10.0	Nov 24
3	23BTP312	Genomics Proteomics and Bioinformatics Practical - VI	2.0	O	10.0	Nov 24
3	23MBPOE301	Fermentation Technology	2.0	B+	7.0	Nov 24
3	23BTP391	Internship	2.0	A+	9.0	Nov 24
4	23BTP491	Project and Viva Voce	15.0	O	10.0	May 25

***** End of Statement *****

Cumulative Grade Point Average : 8.51

Classification: FIRST CLASS WITH DISTINCTION



Coimbatore

Date : 05.06.2025

This document is issued without any correction.

Medium of Instruction : ENGLISH

Seal



CONTROLLER OF EXAMINATIONS

Conversion of Marks to Grade Points & Letter Grade:

LETTER GRADE	RANGE OF MARKS	GRADE POINTS	DESCRIPTION
O	91-100	10	OUTSTANDING
A+	81-90	9	EXCELLENT
A	71-80	8	VERY GOOD
B+	66-70	7	GOOD
B	61-65	6	ABOVE AVERAGE
C	55-60	5	AVERAGE
D	50-54	4	PASS

GRADE POINT AVERAGE

Based on the grades obtained by a Student, a Grade Point Average (GPA) is calculated as follows :

$$\text{GPA} = \frac{\Sigma(\text{No. of Credits} \times \text{Grade Point})}{\Sigma \text{No. of Credits}}$$

CGPA : The Cumulative Grade Point Average at any stage is the GPA for all subjects successfully completed up to that stage.



Read by	V. Kingi
Checked by	M. Ganesh