

UNIVERSITY OF KERALA
THIRUVANANTHAPURAM



MEMORANDUM

First Degree Programme under Choice Based Credit and Semester (CBCS) System

Dated : 25-05-2023
Serial No : 22 30 3128
Ref. No. : 22 33 5934 O



Name : ADHILA. B
Programme : Botany (B.Sc.)

Candidate Code: 24520142001
Month & Year : Apr 2023

CONSOLIDATED STATEMENT OF MARKS-CUM-GRADES		CREDIT	ESE	CE	TOTAL	GP	GRADE	CP
CODE	COURSE							
Semester 1 SCPA : 7.11 B		Credit : 16		Month & Year : Jun 2022				
EN 1111.1	Language Skills	4	54	20	74	7.4	B	29.6
HN 1111.1	Hindi Katha Sahitya	3	58	18	76	7.6	B	22.8
EN 1121	Writings on Contemporary Issues	2	58	17	75	7.5	B	15
BO 1141	Angiosperm Anatomy Reproductive Botany Palynology	3	50	19.75	69.75	6.97	C	20.92
CH 1131.3	Analytical And Environmental Chemistry	2	42	19.5	61.5	6.15	C	12.3
ZO 1131.1	Animal Diversity I	2	46	20	66	6.6	C	13.2
Semester 2 SCPA : 6.07 C		Credit : 17		Month & Year : Dec 2021				
EN 1211.1	Environmental Studies and Disaster Management	4	57	18.75	75.75	7.57	B	30.3
EN 1212.1	English Grammar, Usage and Writing	3	43	18	61	6.1	C	18.3
HN 1211.1	Hindi Nibandh aur anya gadya Vidhayem	3	34	18	52	5.2	D	15.6
BO 1221	Methodology & Perspectives in Plant Science	3	39	18	57	5.7	D	17.1
CH 1231.3	Inorganic & Bioinorganic Chemistry	2	28	13.75	41.75	4.17	E	8.35
ZO 1231.1	Animal Diversity II	2	51	16.5	67.5	6.75	C	13.5
Semester 3 SCPA : 5.96 D		Credit : 17		Month & Year : Jan 2023				
EN 1311.1	English for Career	4	55	18.5	73.5	7.35	B	29.4
HN 1311.1	Hindi Natak, Vyakaran tatha Anuvad	4	33	19	52	5.2	D	20.8
BO 1341	Microbiology, Phycology, Mycology, Lichenology & Plant Pathology	3	37	19.5	56.5	5.65	D	16.95
CH 1331.3	Physical Chemistry	3	47	17.5	64.5	6.45	C	19.35
ZO 1331.1	Functional Zoology	3	31	18.38	49.38	4.93	E	14.81
Semester 4 SCPA : 7.46 B		Credit : 25		Month & Year : Aug 2022				
EN 1411.1	Readings in Literature	4	47	19	66	6.6	C	26.4
HN 1411.1	Hindi Kavita evam Ekanki	4	41	19.5	60.5	6.05	C	24.2
BO 1441	Bryology, Pteridology, Gymnosperms and Paleobotany	3	64	18.5	82.5	8.25	A	24.75
CH 1431.3	Organic Chemistry	3	43	15	58	5.8	D	17.4
CH 1432.3	Lab Course For Botany	4	64	20	84	8.4	A	33.6
ZO 1431.1	Applied Zoology	3	56	19.25	75.25	7.52	B	22.57
ZO 1432.1	Practical I-Animal Diversity I & II Functional Zoology and Applied Zoology	4	74	20	94	9.4	A+	37.6
Semester 5 SCPA : 7.27 B		Credit : 20		Month & Year : Dec 2022				
BO 1541	Angiosperm Morphology, Systematic Botany, Economic Botany, Ethno Botany & Pharmacognosy	4	43	16.8	59.8	5.98	D	23.92
BO 1542	Environmental Studies & Phytogeography	4	61	17	78	7.8	B	31.2
BO 1543	Cell Biology, Genetics & Evolutionary Biology	3	50	17.5	67.5	6.75	C	20.25
BO 1544	Practical-I (BO 1141 & BO 1221)	3	58	20	78	7.8	B	23.4
CH 1551.3	Environmental Chemistry	2	37	15.75	52.75	5.27	D	10.55
BO 1545	Practical-II (BO 1341 & BO 1441)	4	70	20	90	9	A+	36
Semester 6 SCPA : 7.99 B		Credit : 25		Month & Year : Apr 2023				
BO 1641	Plant Physiology & Biochemistry	4	52	16.31	68.31	6.83	C	27.32
BO 1642	Molecular Biology, General Informatics and Bioinformatics	4	41	13.8	54.8	5.48	D	21.92
BO 1643	Plant Breeding, Horticulture & Research Methodology	4	59	16.5	75.5	7.55	B	30.2
BO 1644	Practical III (BO 1541 & BO 1542)	3	77	20	97	9.7	A+	29.1
BO 1645	Practical IV (BO 1543, BO 1641, BO 1642, BO 1643)	4	74	20	94	9.4	A+	37.6
BO 1661	Biotechnology & Nanobiotechnology	2	52	15.63	67.63	6.76	C	13.52
BO 1646	Project	4	80	20	100	10	A+	40

CONSOLIDATED GRADE CARD		
Course	CCPA	Credit
English Language Course	7.05	19
Additional Language Course Hindi	5.96	14
Foundation Course	6.42	5
Core Course Botany	7.64	52
Complementary Course(s) Chemistry	6.50	14
Zoology	7.26	14
Open Course Environmental Chemistry	5.28	2

FINAL RESULT			
CCPA(s)	Credit	Grade	Percentage
7.311	83	B	73.11
7.082	120	B	70.82



Prepared by,

Compared by

Section Officer

Controller of Examinations

UNIVERSITY OF KERALA
THIRUVANANTHAPURAM



MEMORANDUM

First Degree Programme under Choice Based Credit and Semester (CBCS) System

Dated : 25-05-2022
Serial No : 22 30 313
Ref. No : 22 33 593

Name : ATHIRA SANKAR
Programme : Botany (B.Sc.)

Candidate Code: 24520142
Month & Year : Apr 2023

CONSOLIDATED STATEMENT OF MARKS-CUM-GRADES									
CODE	COURSE	CREDIT	ESE	CE	TOTAL	GP	GRADE		
Semester 1 SCPA : 7.2 B		Credit : 16		Month & Year : Aug 2					
EN 1111.1	Language Skills	4	47	18	65	6.5	C		
ML 1111.1	Malayala Kavitha	3	67	20	87	8.7	A	2	
EN 1121	Writings on Contemporary Issues	2	60	19	79	7.9	B	1	
BO 1141	Angiosperm Anatomy Reproductive Botany Palynology	3	42	20	62	6.2	C	1	
CH 1131.3	Analytical And Environmental Chemistry	2	45	19.5	64.5	6.45	C	1	
ZO 1131.1	Animal Diversity I	2	59	20	79	7.9	B	1	
Semester 2 SCPA : 7.16 B		Credit : 17		Month & Year : Dec 2					
EN 1211.1	Environmental Studies and Disaster Management	4	58	18.75	76.75	7.67	B	3	
EN 1212.1	English Grammar, Usage and Writing	3	50	18.25	68.25	6.82	C	2	
ML 1211.1	Gadhyasahithyam	3	59	15.5	74.5	7.45	B	2	
BO 1221	Methodology & Perspectives in Plant Science	3	57	17.75	74.75	7.47	B	2	
CH 1231.3	Inorganic & Bioinorganic Chemistry	2	36	14.25	50.25	5.02	D	1	
ZO 1231.1	Animal Diversity II	2	59	19.63	78.63	7.86	B	1	
Semester 3 SCPA : 7.25 B		Credit : 17		Month & Year : Jan 2					
EN 1311.1	English for Career	4	50	18.5	68.5	6.85	C	2	
ML 1311.1	Drisyakala Sahityam	4	55	20	75	7.5	B		
BO 1341	Microbiology, Phycology, Mycology, Lichenology & Plant Pathology	3	54	20	74	7.4	B	2	
CH 1331.3	Physical Chemistry	3	43	18.87	61.87	6.18	C	1	
ZO 1331.1	Functional Zoology	3	64	19.75	83.75	8.37	A	2	
Semester 4 SCPA : 7.62 B		Credit : 25		Month & Year : Aug 2					
EN 1411.1	Readings in Literature	4	46	18.5	64.5	6.45	C	2	
ML 1411.1	Ashayavinimayam, Sargathmaka Rachana, Bhashavabodham	4	58	20	78	7.8	B	3	
BO 1441	Bryology, Pteridology, Gymnosperms and Paleobotany	3	28	19.75	47.75	4.77	E	1	
CH 1431.3	Organic Chemistry	3	41	19	60	6	C		
CH 1432.3	Lab Course For Botany	4	79	20	99	9.9	A+	3	
ZO 1431.1	Applied Zoology	3	56	19.75	75.75	7.57	B	2	
ZO 1432.1	Practical I-Animal Diversity I & II Functional Zoology and Applied Zoology	4	77	20	97	9.7	A+	3	
Semester 5 SCPA : 7.81 B		Credit : 20		Month & Year : Dec 2					
BO 1541	Angiosperm Morphology, Systematic Botany, Economic Botany, Ethno Botany & Pharmacognosy	4	48	19.57	67.57	6.75	C	2	
BO 1542	Environmental Studies & Phytogeography	4	56	19.5	75.5	7.55	B	3	
BO 1543	Cell Biology, Genetics & Evolutionary Biology	3	46	16.88	62.88	6.28	C	1	
BO 1544	Practical-I(BO 1141 & BO 1221)	3	61	20	81	8.1	A	2	
ZO 1551.1	Public Health and Hygiene	2	69	19.88	88.88	8.88	A	1	
BO 1545	Practical-II(BO 1341 & BO 1441)	4	75	20	95	9.5	A+	3	
Semester 6 SCPA : 8.23 A		Credit : 25		Month & Year : Apr 2					
BO 1641	Plant Physiology & Biochemistry	4	46	18.25	64.25	6.42	C	2	
BO 1642	Molecular Biology, General Informatics and Bioinformatics	4	60	17.5	77.5	7.75	B		
BO 1643	Plant Breeding, Horticulture & Research Methodology	4	50	17.75	67.75	6.77	C	2	
BO 1644	Practical III (BO 1541 & BO 1542)	3	79	20	99	9.9	A+	2	
BO 1645	Practical IV (BO 1543, BO 1641, BO 1642, BO 1643)	4	78	20	98	9.8	A+	3	
BO 1661	Biotechnology & Nanobiotechnology	2	51	18.75	69.75	6.97	C	1	
BO 1646	Project	4	79	19	98	9.8	A+	3	

CONSOLIDATED GRADE CARD		
Course	CCPA	Credit
English Language Course	6.86	19
Additional Language Course Malayalam	7.83	14
Foundation Course	7.65	5
Core Course Botany	7.68	52
Complementary Course(s) Chemistry	7.08	14
Zoology	8.44	14
Open Course Public Health and Hygiene	8.89	2

Section: CBCS

FINAL RESULT			
CCPA(s)	Credit	Grade	Percent
7.700	83	B	77
CCPA	Credit	Grade	Percent
7.606	120	B	76.6





Name: JASMI A
 Programme: Botany (B.Sc.)

Candidate Code: 24515142037
 Month & Year: Jan 2023

CODE	COURSE	CREDIT	ESE	CE	TOTAL GP	GRADE	CP
Semester 1 SCPA : 5.92 D		Credit : 16		Month & Year : Jun 2022			
EN 1111.1	Listening, Speaking and Reading	4	52	14.63	66.63	6.66	C 26.65
AR 1111.1	Communicative Arabic I	3	68	18	86	8.6	A 25.8
EN 1121	Writings on Contemporary Issues	2	37	14.5	51.5	5.15	D 10.3
BO 1141	Angiosperm Anatomy Reproductive Botany & Palynology	3	32	10.13	42.13	4.21	E 12.63
CH 1131.3	Theoretical Chemistry	2	43	15.13	58.13	5.81	D 11.62
ZO 1131.1	Animal Diversity I	2	29	9.4	38.4	3.84	E 7.68
Semester 2 SCPA : 5.83 D		Credit : 17		Month & Year : Aug 2018			
EN 1211.1	Environmental Studies	4	31	17.16	48.16	4.81	E 19.26
EN 1212.1	Modern English Grammar and Usage	3	38	15.25	53.25	5.32	D 15.97
AR 1211.1	Communicative Arabic II	3	73	17.88	90.88	9.08	A+ 27.26
BO 1221	Methodology & Perspectives in Plant Science	3	46	12.63	58.63	5.86	D 17.58
CH 1231.3	Inorganic and Bioinorganic Chemistry	2	33	13.75	46.75	4.67	E 9.35
ZO 1231	Animal Diversity II	2	36	12.56	48.56	4.85	E 9.71
Semester 3 SCPA : 5.08 D		Credit : 17		Month & Year : Jan 2023			
EN 1311.1	Writing & Presentation Skills	4	38	17	55	5.5	D 22
AR 1311.1	Classical Arabic Literature	4	39	16.62	55.62	5.56	D 22.24
BO 1341	Microbiology, Phycology, Mycology, Lichenology & Plant Pathology	3	37	13.7	50.7	5.07	D 15.21
CH 1331.3	Physical and Inorganic Chemistry	3	35	12.75	47.75	4.77	E 14.32
ZO 1331.1	Functional Zoology	3	31	10.75	41.75	4.17	E 12.52
Semester 4 SCPA : 7.31 B		Credit : 25		Month & Year : May 2021			
EN 1411.1	Readings in Literature	4	40	19	59	5.9	D 23.6
AR 1411.1	Culture and Civilization in Arabic	4	71	19.38	90.38	9.03	A+ 36.15
BO 1441	Bryology, Pteridology, Gymnosperms and Paleobotany	3	32	11.5	43.5	4.35	E 13.05
CH 1431.3	Organic Chemistry	3	54	12.88	66.88	6.68	C 20.06
CH 1432.3	Chemistry Practical	4	74	20	94	9.4	A+ 37.6
ZO 1431.1	Applied Zoology	3	42	10.5	52.5	5.25	D 15.75
ZO 1432	Zoology Practical	4	73	18	91	9.1	A+ 36.4
Semester 5 SCPA : 6.46 C		Credit : 20		Month & Year : Dec 2018			
BO 1541	Angiosperm Morphology, Systematic Botany, Economic Botany, Ethno Botany & Pharmacognosy	4	43	14	57	5.7	D 22.8
BO 1542	Environmental Studies & Phytogeography	4	47	14	61	6.1	C 24.4
BO 1543	Cell Biology, Genetics & Evolutionary Biology	3	32	12.38	44.38	4.43	E 13.31
BO 1544	Practical	3	55	18	73	7.3	B 21.9
BC 1551.2	Lifestyle Diseases	2	58	12.13	70.13	7.01	B 14.02
BO 1545	Practical-III(BO 1341 & BO 1441)	4	64	18	82	8.2	A 32.8
Semester 6 SCPA : 6.41 C		Credit : 25		Month & Year : Apr 2018			
BO 1641	Plant Physiology & Biochemistry	4	34	16	50	5	D 20
BO 1642	Molecular Biology, General Informatics and Bioinformatics	4	32	14.38	46.38	4.63	E 18.55
BO 1643	Plant Breeding, Horticulture & Research Methodology	4	37	15	52	5.2	D 20.8
BO 1644	Practical III (BO 1541 & BO 1542)	3	57	19	76	7.6	B 22.8
BO 1645	Practical IV (BO 1543, BO 1641, BO 1642, BO 1643)	4	65	19	84	8.4	A 33.6
BO 1661	Biotechnology & Nanobiotechnology	2	28	14	42	4.2	E 8.4
BO 1646	Project	4	72	18	90	9	A+ 36

CONSOLIDATED GRADE CARD		
Course	CCPA	Credit
English Language Course	5.66	19
Additional Language Course		
Arabic	7.96	14
Foundation Course	5.58	5
Core Course		
Botany	6.08	52
Complementary Course(s)		
Zoology	5.86	14
Chemistry	6.64	14
Open Course		
Lifestyle Diseases	7.01	2

FINAL RESULT			
CCPA(s)	Credit	Grade	Percentage
6.131	83	C	61.31
CCPA	Credit	Grade	Percentage
6.268	120	C	62.68



Prepared by

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Section Officer

Controller of Examinations

UNIVERSITY OF KERALA

THIRUVANANTHAPURAM



MEMORANDUM

First Degree Programme under Choice Based Credit and Semester (CBCS) System

Dated : 25-05-2023
Serial No : 22 30 3131
Ref. No. : 22 33 5937 O

Name : HITHA ANVAR
Programme : Botany (B.Sc.)

Candidate Code: 24520142011
Month & Year : Apr 2023

CODE	COURSE	CREDIT	ESE	CE	TOTAL	GP	GRADE	CP
CONSOLIDATED STATEMENT OF MARKS-CUM-GRADES								
		Credit : 16			Month & Year : Aug 2021			
Semester 1	SCPA : 6.59 C							
EN 1111.1	Language Skills	4	42	19	61	6.1	C	24.4
HN 1111.1	Hindi Katha Sahitya	3	56	19	75	7.5	B	22.5
EN 1121	Writings on Contemporary Issues	2	54	18	72	7.2	B	14.4
BO 1141	Angiosperm Anatomy Reproductive Botany Palynology	3	36	20	56	5.6	D	16.8
CH 1131.3	Analytical And Environmental Chemistry	2	52	20	72	7.2	B	14.4
ZO 1131.1	Animal Diversity I	2	45	20	65	6.5	C	13
		Credit : 17			Month & Year : Dec 2021			
Semester 2	SCPA : 6.48 C							
EN 1211.1	Environmental Studies and Disaster Management	4	48	18	66	6.6	C	26.4
EN 1212.1	English Grammar, Usage and Writing	3	43	18	61	6.1	C	18.3
HN 1211.1	Hindi Nibandh aur anya gadya Vidhayam	3	52	20	72	7.2	B	21.6
BO 1221	Methodology & Perspectives in Plant Science	3	47	17.8	64.8	6.48	C	19.44
CH 1231.3	Inorganic & Bioinorganic Chemistry	2	33	15	48	4.8	E	9.6
ZO 1231.1	Animal Diversity II	2	58	16.38	74.38	7.43	B	14.87
		Credit : 17			Month & Year : Jan 2023			
Semester 3	SCPA : 6.31 C							
EN 1311.1	English for Career	4	39	18	57	5.7	D	22.8
HN 1311.1	Hindi Natak, Vyakaran tatha Anuvad	4	45	20	65	6.5	C	26
BO 1341	Microbiology, Phycology, Mycology, Lichenology & Plant Pathology	3	47	19.5	66.5	6.65	C	19.95
CH 1331.3	Physical Chemistry	3	43	18.87	61.87	6.18	C	18.56
ZO 1331.1	Functional Zoology	3	47	19.25	66.25	6.62	C	19.87
		Credit : 25			Month & Year : Aug 2022			
Semester 4	SCPA : 7.72 B							
EN 1411.1	Readings in Literature	4	53	18.5	71.5	7.15	B	28.6
HN 1411.1	Hindi Kavita evam Ekanki	4	55	20	75	7.5	B	30
BO 1441	Bryology, Pteridology, Gymnosperms and Paleobotany	3	48	19.75	67.75	6.77	C	20.32
CH 1431.3	Organic Chemistry	3	35	19.5	54.5	5.45	D	16.35
CH 1432.3	Lab Course For Botany	4	68	20	88	8.8	A	35.2
ZO 1431.1	Applied Zoology	3	65	19	84	8.4	A	25.2
ZO 1432.1	Practical I-Animal Diversity I & II Functional Zoology and Applied Zoology	4	73	20	93	9.3	A+	37.2
		Credit : 20			Month & Year : Dec 2022			
Semester 5	SCPA : 6.67 C							
BO 1541	Angiosperm Morphology, Systematic Botany, Economic Botany, Ethno Botany & Pharmacognosy	4	47	18.8	65.8	6.58	C	26.32
BO 1542	Environmental Studies & Phytogeography	4	48	18.6	66.6	6.66	C	26.64
BO 1543	Cell Biology, Genetics & Evolutionary Biology	3	31	15.5	46.5	4.65	E	13.95
BO 1544	Practical-I(BO 1141 & BO 1221)	3	54	20	74	7.4	B	22.2
EN 1551.1	Communicative Applications in English	2	57	18	75	7.5	B	15
BO 1545	Practical-II(BO 1341 & BO 1441)	4	53	20	73	7.3	B	29.2
		Credit : 25			Month & Year : Apr 2023			
Semester 6	SCPA : 7.69 B							
BO 1641	Plant Physiology & Biochemistry	4	42	16.37	58.37	5.83	D	23.34
BO 1642	Molecular Biology, General Informatics and Bioinformatics	4	45	16.62	61.62	6.16	C	24.64
BO 1643	Plant Breeding, Horticulture & Research Methodology	4	63	15	78	7.8	B	31.2
BO 1644	Practical III (BO 1541 & BO 1542)	3	78	20	98	9.8	A+	29.4
BO 1645	Practical IV (BO 1543, BO 1641, BO 1642, BO 1643)	4	63	20	83	8.3	A	33.2
BO 1661	Biotechnology & Nanobiotechnology	2	39	16.63	55.63	5.56	D	11.12
BO 1646	Project	4	80	18	98	9.8	A+	39.2

CONSOLIDATED GRADE CARD		
Course	CCPA	Credit
English Language Course	6.34	19
Additional Language Course		
Hindi	7.15	14
Foundation Course	6.77	5
Core Course		
Botany	7.07	52
Complementary Course(s)		
Chemistry	6.72	14
Zoology	7.87	14
Open Course		
Communicative Applications in English	7.50	2

Section: CBCS

FINAL RESULT			
CCPA(s)	Credit	Grade	Percentage
7.123	83	B	71.23
CCPA	Credit	Grade	Percentage
7.010	120	B	70.1



UNIVERSITY OF KERALA
THIRUVANANTHAPURAM



MEMORANDUM

Dated : 25-05-2023
Serial No : 22 30 3129
Ref. No. : 22 33 5935 O

First Degree Programme under Choice Based Credit and Semester (CBCS) System

Name : AMEERA. A
Programme : Botany (B.Sc.)

Candidate Code: 24520142003
Month & Year : Apr 2023

CONSOLIDATED STATEMENT OF MARKS-CUM-GRADES								
CODE	COURSE	CREDIT	ESE	CE	TOTAL	GP	GRADE	CP
Semester 1 SCPA : 6.3 C		Credit : 16		Month & Year : Aug 2021				
EN 1111.1	Language Skills	4	45	20	65	6.5	C	26
HN 1111.1	Hindi Katha Sahitya	3	65	19	84	8.4	A	25.2
EN 1121	Writings on Contemporary Issues	2	58	19	77	7.7	B	15.4
BO 1141	Angiosperm Anatomy Reproductive Botany Palynology	3	28	19.13	47.13	4.71	E	14.13
CH 1131.3	Analytical And Environmental Chemistry	2	30	20	50	5	D	10
ZO 1131.1	Animal Diversity I	2	30	20	50	5	D	10
Semester 2 SCPA : 6.8 C		Credit : 17		Month & Year : Sep 2022				
EN 1211.1	Environmental Studies and Disaster Management	4	55	19.5	74.5	7.45	B	29.8
EN 1212.1	English Grammar, Usage and Writing	3	37	18.5	55.5	5.55	D	16.65
HN 1211.1	Hindi Nibandh aur anya gadya Vidhayam	3	43	20	63	6.3	C	18.9
BO 1221	Methodology & Perspectives in Plant Science	3	50	19.5	69.5	6.95	C	20.85
CH 1231.3	Inorganic & Bioinorganic Chemistry	2	54	19	73	7.3	B	14.6
ZO 1231.1	Animal Diversity II	2	57	17.25	74.25	7.42	B	14.85
Semester 3 SCPA : 6.45 C		Credit : 17		Month & Year : Jan 2023				
EN 1311.1	English for Career	4	48	18	66	6.6	C	26.4
HN 1311.1	Hindi Natak, Vyakaran tatha Anuvad	4	44	19	63	6.3	C	25.2
BO 1341	Microbiology, Phycology, Mycology, Lichenology & Plant Pathology	3	36	19.5	55.5	5.55	D	16.65
CH 1331.3	Physical Chemistry	3	53	18.5	71.5	7.15	B	21.45
ZO 1331.1	Functional Zoology	3	47	19.38	66.38	6.63	C	19.91
Semester 4 SCPA : 7.76 B		Credit : 25		Month & Year : Aug 2022				
EN 1411.1	Readings in Literature	4	52	18	70	7	B	28
HN 1411.1	Hindi Kavita evam Ekanki	4	60	19	79	7.9	B	31.6
BO 1441	Bryology, Pteridology, Gymnosperms and Paleobotany	3	58	19	77	7.7	B	23.1
CH 1431.3	Organic Chemistry	3	30	18.5	48.5	4.85	E	14.55
CH 1432.3	Lab Course For Botany	4	71	20	91	9.1	A+	36.4
ZO 1431.1	Applied Zoology	3	64	20	84	8.4	A	25.2
ZO 1432.1	Practical I-Animal Diversity I & II Functional Zoology and Applied Zoology	4	68	20	88	8.8	A	35.2
Semester 5 SCPA : 7.72 B		Credit : 20		Month & Year : Dec 2022				
BO 1541	Angiosperm Morphology, Systematic Botany, Economic Botany, Ethno Botany & Pharmacognosy	4	49	16	65	6.5	C	26
BO 1542	Environmental Studies & Phytogeography	4	63	16.75	79.75	7.97	B	31.9
BO 1543	Cell Biology, Genetics & Evolutionary Biology	3	45	16.38	61.38	6.13	C	18.41
BO 1544	Practical-I(BO 1141 & BO 1221)	3	67	20	87	8.7	A	26.1
CH 1551.3	Environmental Chemistry	2	59	14.75	73.75	7.37	B	14.75
BO 1545	Practical-II(BO 1341 & BO 1441)	4	73	20	93	9.3	A+	37.2
Semester 6 SCPA : 8.34 A		Credit : 25		Month & Year : Apr 2023				
BO 1641	Plant Physiology & Biochemistry	4	64	17.12	81.12	8.11	A	32.44
BO 1642	Molecular Biology, General Informatics and Bioinformatics	4	38	16.25	54.25	5.42	D	21.7
BO 1643	Plant Breeding, Horticulture & Research Methodology	4	62	16.75	78.75	7.87	B	31.5
BO 1644	Practical III (BO 1541 & BO 1542)	3	80	20	100	10	A+	30
BO 1645	Practical IV (BO 1543, BO 1641, BO 1642, BO 1643)	4	78	20	98	9.8	A+	39.2
BO 1661	Biotechnology & Nanobiotechnology	2	51	16.75	67.75	6.77	C	13.55
BO 1646	Project	4	80	20	100	10	A+	40

CONSOLIDATED GRADE CARD		
Course	CCPA	Credit
English Language Course	6.68	19
Additional Language Course Hindi	7.21	14
Foundation Course	7.25	5
Core Course Botany	7.73	52
Complementary Course(s) Chemistry	6.93	14
Zoology	7.51	14
Open Course Environmental Chemistry	7.38	2

Section: CBCS

FINAL RESULT			
CCPA(s)	Credit	Grade	Percentage
7.529	83	B	75.29
CCPA	Credit	Grade	Percentage
7.357	120	B	73.57



(Signature)

UNIVERSITY OF KERALA
THIRUVANANTHAPURAM



MEMORANDUM

First Degree Programme under Choice Based Credit and Semester (CBCS) System

Dated : 25-05-2023
Serial No : 22 30 3130
Ref. No. : 22 33 5936 O

Candidate Code: 24520142010
Month & Year : Apr 2023

Name : **FATHIMA BEEVIN**
Programme : **Botany (B.Sc.)**

CODE	COURSE	CREDIT	ESE	CE	TOTAL	GP	GRADE	CP
Semester 1 SCPA : 5.83 D								
EN 1111 1	Language Skills	4	32	18	50	5	D	20
HN 1111 1	Hindi Katha Sahitya	3	50	19	69	6.9	C	20.7
EN 1121	Writings on Contemporary Issues	2	50	19	69	6.9	C	13.8
BO 1141	Angiosperm Anatomy Reproductive Botany Palynology	3	37	20	57	5.7	D	17.1
CH 1131 3	Analytical And Environmental Chemistry	2	31	19.5	50.5	5.05	D	10.1
ZO 1131 1	Animal Diversity I	2	38	20	58	5.8	D	11.6
Semester 2 SCPA : 5.94 D								
EN 1211 1	Environmental Studies and Disaster Management	4	41	18	59	5.9	D	23.6
EN 1212 1	English Grammar, Usage and Writing	3	37	15	52	5.2	D	15.6
HN 1211 1	Hindi Nibandh aur anya gadya Vidhayam	3	49	20	69	6.9	C	20.7
BO 1221	Methodology & Perspectives in Plant Science	3	39	18.75	57.75	5.77	D	17.32
CH 1231 3	Inorganic & Bioinorganic Chemistry	2	40	13	53	5.3	D	10.6
ZO 1231 1	Animal Diversity II	2	47	19	66	6.6	C	13.2
Semester 3 SCPA : 6.12 C								
EN 1311 1	English for Career	4	48	17	65	6.5	C	26
HN 1311 1	Hindi Natak, Vyakaran tatha Anuvad	4	38	20	58	5.8	D	23.2
BO 1341	Microbiology, Phycology, Mycology, Lichenology & Plant Pathology	3	35	19.75	54.75	5.47	D	16.42
CH 1331 3	Physical Chemistry	3	47	19.12	66.12	6.61	C	19.83
ZO 1331 1	Functional Zoology	3	44	17.63	61.63	6.16	C	18.48
Semester 4 SCPA : 7.64 B								
EN 1411 1	Readings in Literature	4	50	18	68	6.8	C	27.2
HN 1411 1	Hindi Kavita evam Ekanki	4	55	20	75	7.5	B	30
BO 1441	Bryology, Pteridology, Gymnosperms and Paleobotany	3	57	18.25	75.25	7.52	B	27.57
CH 1431 3	Organic Chemistry	3	28	19	47	4.7	E	14.1
CH 1432 3	Lab Course For Botany	4	68	20	88	8.8	A	35.2
ZO 1431 1	Applied Zoology	3	60	20	80	8	A	24
ZO 1432 1	Practical I Animal Diversity I & II Functional Zoology and Applied Zoology	4	75	20	95	9.5	A+	38
Semester 5 SCPA : 6.81 C								
BO 1541	Angiosperm Morphology, Systematic Botany, Economic Botany, Ethno Botany & Pharmacognosy	4	41	18.5	59.5	5.95	D	23.8
BO 1542	Environmental Studies & Phytogeography	4	33	18	51	5.1	D	20.4
BO 1543	Cell Biology, Genetics & Evolutionary Biology	3	33	17.75	50.75	5.07	D	15.22
BO 1544	Practical II (BO 1141 & BO 1221)	3	59	20	79	7.9	B	23.7
BC 1551 2	Life style Diseases	2	61	12.5	73.5	7.35	B	14.7
BO 1545	Practical III (BO 1341 & BO 1441)	4	76	20	96	9.6	A+	38.4
Semester 6 SCPA : 7.75 B								
BO 1641	Plant Physiology & Biochemistry	4	35	16.87	51.87	5.18	D	20.74
BO 1642	Molecular Biology, General Informatics and Bioinformatics	4	49	14.37	63.37	6.33	C	25.34
BO 1643	Plant Breeding, Horticulture & Research Methodology	4	61	17.12	78.12	7.81	B	31.24
BO 1644	Practical III (BO 1541 & BO 1542)	3	80	20	100	10	A+	30
BO 1645	Practical IV (BO 1543, BO 1641, BO 1642, BO 1643)	4	68	20	88	8.8	A	35.2
BO 1661	Biotechnology & Nanobiotechnology	2	45	17.5	62.5	6.25	C	12.5
BO 1646	Project	4	79	18	97	9.7	A+	38.8

CONSOLIDATED GRADE CARD

Course	CCPA	Credit
English Language Course	5.92	19
Additional Language Course Hindi	6.76	14
Foundation Course	6.33	5
Core Course Botany	7.14	52
Complementary Course(s) Chemistry	6.52	14
Zoology	7.52	14
Open Course Life style Diseases	7.30	2

FINAL RESULT			
CCPA(s)	Credit	Grade	Percentage
7.035	83	B	70.35
6.828	100	C	68.28



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UNIVERSITY OF KERALA
THIRUVANANTHAPURAM



MEMORANDUM

Dated : 25-05-2023
Serial No : 22 30 3133
Ref. No. : 22 33 5939 O

First Degree Programme under Choice Based Credit and Semester (CBCS) System

Name : FATHIMA NAZRIN. A
Programme : Botany (B.Sc.)

Candidate Code: 24520142027
Month & Year : Apr 2023

CONSOLIDATED STATEMENT OF MARKS-CUM-GRADES

CODE	COURSE	CREDIT	ESE	CE	TOTAL	GP	GRADE	CP
Semester 1 SCPA : 6.59 C		Credit : 16		Month & Year : Aug 2021				
EN 1111.1	Language Skills	4	39	18	57	5.7	D	22.8
ML 1111.1	Malayala Kavitha	3	63	20	83	8.3	A	24.9
EN 1121	Writings on Contemporary Issues	2	54	17	71	7.1	B	14.2
BO 1141	Angiosperm Anatomy Reproductive Botany Palynology	3	33	20	53	5.3	D	15.9
CH 1131.3	Analytical And Environmental Chemistry	2	50	18	68	6.8	C	13.6
ZO 1131.1	Animal Diversity I	2	51	19.5	70.5	7.05	B	14.1
Semester 2 SCPA : 5.98 D		Credit : 17		Month & Year : Sep 2022				
EN 1211.1	Environmental Studies and Disaster Management	4	43	18.5	61.5	6.15	C	24.6
EN 1212.1	English Grammar, Usage and Writing	3	40	18.25	58.25	5.82	D	17.47
ML 1211.1	Gadhyasahithyam	3	55	15	70	7	B	21
BO 1221	Methodology & Perspectives in Plant Science	3	47	16.75	63.75	6.37	C	19.12
CH 1231.3	Inorganic & Bioinorganic Chemistry	2	31	14.25	45.25	4.52	E	9.05
ZO 1231.1	Animal Diversity II	2	38	14.25	52.25	5.22	D	10.45
Semester 3 SCPA : 6.68 C		Credit : 17		Month & Year : Jan 2023				
EN 1311.1	English for Career	4	53	18.5	71.5	7.15	B	28.6
ML 1311.1	Drisyakala Sahityam	4	60	19	79	7.9	B	31.6
BO 1341	Microbiology, Phycology, Mycology, Lichenology & Plant Pathology	3	39	19.5	58.5	5.85	D	17.55
CH 1331.3	Physical Chemistry	3	47	16.12	63.12	6.31	C	18.93
ZO 1331.1	Functional Zoology	3	38	18	56	5.6	D	16.8
Semester 4 SCPA : 7.65 B		Credit : 25		Month & Year : Aug 2022				
EN 1411.1	Readings in Literature	4	49	18.5	67.5	6.75	C	27
ML 1411.1	Ashayavinimayam, Sargathmaka Rachana, Bhashavabodham	4	57	19	76	7.6	B	30.4
BO 1441	Bryology, Pteridology, Gymnosperms and Paleobotany	3	40	18.25	58.25	5.82	D	17.47
CH 1431.3	Organic Chemistry	3	34	18	52	5.2	D	15.6
CH 1432.3	Lab Course For Botany	4	77	20	97	9.7	A+	38.8
ZO 1431.1	Applied Zoology	3	61	17.88	78.88	7.88	B	23.66
ZO 1432.1	Practical I-Animal Diversity I & II Functional Zoology and Applied Zoology	4	76	20	96	9.6	A+	38.4
Semester 5 SCPA : 7.61 B		Credit : 20		Month & Year : Dec 2022				
BO 1541	Angiosperm Morphology, Systematic Botany, Economic Botany, Ethno Botany & Pharmacognosy	4	41	18	59	5.9	D	23.6
BO 1542	Environmental Studies & Phytogeography	4	64	17.87	81.87	8.18	A	32.74
BO 1543	Cell Biology, Genetics & Evolutionary Biology	3	46	17	63	6.3	C	18.9
BO 1544	Practical II(BO 1141 & BO 1221)	3	66	20	86	8.6	A	25.8
BC 1551.2	Life style Diseases	2	59	12.25	71.25	7.12	B	14.25
BO 1545	Practical II(BO 1341 & BO 1441)	4	72	20	92	9.2	A+	36.8
Semester 6 SCPA : 8.15 A		Credit : 25		Month & Year : Apr 2023				
BO 1641	Plant Physiology & Biochemistry	4	42	17.75	59.75	5.97	D	23.9
BO 1642	Molecular Biology, General Informatics and Bioinformatics	4	56	15.75	71.75	7.17	B	28.7
BO 1643	Plant Breeding, Horticulture & Research Methodology	4	56	16	72	7.2	B	28.8
BO 1644	Practical III (BO 1541 & BO 1542)	3	78	20	98	9.8	A+	29.4
BO 1645	Practical IV (BO 1543, BO 1641, BO 1642, BO 1643)	4	77	20	97	9.7	A+	38.8
BO 1661	Biotechnology & Nanobiotechnology	2	54	16.38	70.38	7.03	B	14.07
BO 1646	Project	4	80	20	100	10	A+	40

CONSOLIDATED GRADE CARD

Course	CCPA	Credit
English Language Course	6.34	19
Additional Language Course Malayalam	7.71	14
Foundation Course	6.67	5
Core Course Botany	7.55	52
Complementary Course(s) Chemistry	6.86	14
Zoology	7.39	14
Open Course Life style Diseases	7.13	2
Section: CBCS		

FINAL RESULT

CCPA(s)	Credit	Grade	Percentage
7.361	83	B	73.61
7.232	120	B	72.32



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UNIVERSITY OF KERALA
THIRUVANANTHAPURAM



MEMORANDUM

First Degree Programme under Choice Based Credit and Semester (CBCS) System

Dated : 25-05-2023
Serial No : 22 30 1134
Ref. No. : 22 33 5940 0

Name : GAYATHRI P CHANDRAN
Programme : Botany (B.Sc.)

Candidate Code: 24520142028
Month & Year : Apr 2023

CONSOLIDATED STATEMENT OF MARKS-CUM-GRADES

CODE	COURSE	CREDIT	ESE	CE	TOTAL	GP	GRADE	CP
Semester 1 SCPA : 6.52 C		Credit : 16		Month & Year : Aug 2021				
EN 1111.1	Language Skills	4	37	18	55	5.5	D	22
ML 1111.1	Malayala Kavitha	3	67	20	87	8.7	A	26.1
EN 1121	Writings on Contemporary Issues	2	51	18	69	6.9	C	13.8
BO 1141	Angiosperm Anatomy Reproductive Botany Palynology	3	36	20	56	5.6	D	16.8
CH 1131.3	Analytical And Environmental Chemistry	2	35	19.5	54.5	5.45	D	10.9
ZO 1131.1	Animal Diversity I	2	55	18.25	73.25	7.32	B	14.65
Semester 2 SCPA : 5.98 D		Credit : 17		Month & Year : Sep 2022				
EN 1211.1	Environmental Studies and Disaster Management	4	43	19	62	6.2	C	24.8
EN 1212.1	English Grammar, Usage and Writing	3	36	17.25	53.25	5.32	D	15.97
ML 1211.1	Gadhyasahithyam	3	56	15	71	7.1	B	21.3
BO 1221	Methodology & Perspectives in Plant Science	3	52	17.75	69.75	6.97	C	20.92
CH 1231.3	Inorganic & Bioinorganic Chemistry	2	31	14.5	45.5	4.55	E	9.1
ZO 1231.1	Animal Diversity II	2	34	14	48	4.8	E	9.6
Semester 3 SCPA : 5.94 D		Credit : 17		Month & Year : Jan 2023				
EN 1311.1	English for Career	4	39	17.5	56.5	5.65	D	22.6
ML 1311.1	Drisyakala Sahitvam	4	55	20	75	7.5	B	30
BO 1341	Microbiology, Phycology, Mycology, Lichenology & Plant Pathology	3	40	19.5	59.5	5.95	D	17.85
CH 1331.3	Physical Chemistry	3	39	16.25	55.25	5.52	D	16.57
ZO 1331.1	Functional Zoology	3	28	18.5	46.5	4.65	E	13.95
Semester 4 SCPA : 7.57 B		Credit : 25		Month & Year : Aug 2022				
EN 1411.1	Readings in Literature	4	48	18	66	6.6	C	26.4
ML 1411.1	Ashayavinimayam, Sargathmaka Rachana, Bhashavabodham	4	64	19.5	83.5	8.35	A	33.4
BO 1441	Bryology, Pteridology, Gymnosperms and Paleobotany	3	32	18	50	5	D	15
CH 1431.3	Organic Chemistry	3	28	17.5	45.5	4.55	E	13.65
CH 1432.3	Lab Course For Botany	4	78	20	98	9.8	A+	39.2
ZO 1431.1	Applied Zoology	3	55	19.63	74.63	7.46	B	22.38
ZO 1432.1	Practical I-Animal Diversity I & II Functional Zoology and Applied Zoology	4	78	20	98	9.8	A+	39.2
Semester 5 SCPA : 7.36 B		Credit : 20		Month & Year : Dec 2022				
BO 1541	Angiosperm Morphology, Systematic Botany, Economic Botany, Ethno Botany & Pharmacognosy	4	31	17.8	48.8	4.88	E	19.52
BO 1542	Environmental Studies & Phytogeography	4	60	17.5	77.5	7.75	B	31
BO 1543	Cell Biology, Genetics & Evolutionary Biology	3	38	15.76	53.76	5.37	D	16.12
BO 1544	Practical-I(BO 1141 & BO 1221)	3	65	20	85	8.5	A	25.5
ZO 1551.1	Public Health and Hygiene	2	60	17.5	77.5	7.75	B	15.5
BO 1545	Practical-II(BO 1341 & BO 1441)	4	79	20	99	9.9	A+	39.6
Semester 6 SCPA : 8.08 A		Credit : 25		Month & Year : Apr 2023				
BO 1641	Plant Physiology & Biochemistry	4	42	17.62	59.62	5.96	D	23.84
BO 1642	Molecular Biology, General Informatics and Bioinformatics	4	52	15.25	67.25	6.72	C	26.9
BO 1643	Plant Breeding, Horticulture & Research Methodology	4	61	15	76	7.6	B	30.4
BO 1644	Practical III (BO 1541 & BO 1542)	3	80	20	100	10	A+	30
BO 1645	Practical IV (BO 1543, BO 1641, BO 1642, BO 1643)	4	77	20	97	9.7	A+	38.8
BO 1661	Biotechnology & Nanobiotechnology	2	47	15.38	62.38	6.23	C	12.47
BO 1646	Project	4	79	20	99	9.9	A+	39.6

CONSOLIDATED GRADE CARD

Course	CCPA	Credit
English Language Course	5.88	19
Additional Language Course Malayalam	7.91	14
Foundation Course	6.95	5
Core Course Botany	7.37	52
Complementary Course(s) Chemistry	6.39	14
Zoology	7.13	14
Open Course Public Health and Hygiene	7.75	2
Section: CBCS		

FINAL RESULT

CCPA(s)	Credit	Grade	Percentage
7.151	83	B	71.51
CCPA	Credit	Grade	Percentage
7.045	120	B	70.45



UNIVERSITY OF KERALA
THIRUVANANTHAPURAM



MEMORANDUM

Dated : 25-05-2023
Serial No : 22 30 3135
Ref. No. : 22 33 5941 O

First Degree Programme under Choice Based Credit and Semester (CBCS) System

Name : GOPIKA BABU M
Programme : Botany (B.Sc.)

Candidate Code: 24520142029
Month & Year : Apr 2023

CONSOLIDATED STATEMENT OF MARKS-CUM-GRADES

CODE	COURSE	CREDIT	ESE	CE	TOTAL	GP	GRADE	CP
Semester 1 SCPA : 6.36 C		Credit : 16		Month & Year : Aug 2021				
EN 1111.1	Language Skills	4	45	19	64	6.4	C	25.6
ML 1111.1	Malayala Kavitha	3	58	20	78	7.8	B	23.4
EN 1121	Writings on Contemporary Issues	2	55	19	74	7.4	B	14.8
BO 1141	Angiosperm Anatomy Reproductive Botany Palynology	3	38	20	58	5.8	D	17.4
CH 1131.3	Analytical And Environmental Chemistry	2	32	19.75	51.75	5.17	D	10.35
ZO 1131.1	Animal Diversity I	2	31	20	51	5.1	D	10.2
Semester 2 SCPA : 5.95 D		Credit : 17		Month & Year : Dec 2021				
EN 1211.1	Environmental Studies and Disaster Management	4	46	17.25	63.25	6.32	C	25.3
EN 1212.1	English Grammar, Usage and Writing	3	42	19.5	61.5	6.15	C	18.45
ML 1211.1	Gadhyasahithyam	3	62	14	76	7.6	B	22.8
BO 1221	Methodology & Perspectives in Plant Science	3	29	16.25	45.25	4.52	E	13.57
CH 1231.3	Inorganic & Bioinorganic Chemistry	2	32	14.5	46.5	4.65	E	9.3
ZO 1231.1	Animal Diversity II	2	42	16.25	58.25	5.82	D	11.65
Semester 3 SCPA : 6.81 C		Credit : 17		Month & Year : Jan 2023				
EN 1311.1	English for Career	4	56	17.5	73.5	7.35	B	29.4
ML 1311.1	Drisyakala Sahityam	4	51	20	71	7.1	B	28.4
BO 1341	Microbiology, Phycology, Mycology, Lichenology & Plant Pathology	3	30	19.5	49.5	4.95	E	14.85
CH 1331.3	Physical Chemistry	3	41	18.25	59.25	5.92	D	17.77
ZO 1331.1	Functional Zoology	3	65	19.5	84.5	8.45	A	25.35
Semester 4 SCPA : 7.82 B		Credit : 25		Month & Year : Aug 2022				
EN 1411.1	Readings in Literature	4	50	18.5	68.5	6.85	C	27.4
ML 1411.1	Ashayavinimayam, Sargathmaka Rachana, Bhashavabodham	4	61	19.5	80.5	8.05	A	32.2
BO 1441	Bryology, Pteridology, Gymnosperms and Paleobotany	3	41	19	60	6	C	18
CH 1431.3	Organic Chemistry	3	39	19	58	5.8	D	17.4
CH 1432.3	Lab Course For Botany	4	80	20	100	10	A+	40
ZO 1431.1	Applied Zoology	3	50	19.5	69.5	6.95	C	20.85
ZO 1432.1	Practical I-Animal Diversity I & II Functional Zoology and Applied Zoology	4	79	20	99	9.9	A+	39.6
Semester 5 SCPA : 7.07 B		Credit : 20		Month & Year : Dec 2022				
BO 1541	Angiosperm Morphology, Systematic Botany, Economic Botany, Ethno Botany & Pharmacognosy	4	33	18	51	5.1	D	20.4
BO 1542	Environmental Studies & Phytogeography	4	54	18.37	72.37	7.23	B	28.94
BO 1543	Cell Biology, Genetics & Evolutionary Biology	3	28	16.63	44.63	4.46	E	13.38
BO 1544	Practical-I(BO 1141 & BO 1221)	3	67	20	87	8.7	A	26.1
MM 1551.3	Basic Mathematics	2	53	17.88	70.88	7.08	B	14.17
BO 1545	Practical-II(BO 1341 & BO 1441)	4	76	20	96	9.6	A+	38.4
Semester 6 SCPA : 8.15 A		Credit : 25		Month & Year : Apr 2023				
BO 1641	Plant Physiology & Biochemistry	4	37	17.62	54.62	5.46	D	21.84
BO 1642	Molecular Biology, General Informatics and Bioinformatics	4	63	15.3	78.3	7.83	B	31.32
BO 1643	Plant Breeding, Horticulture & Research Methodology	4	59	16	75	7.5	B	30
BO 1644	Practical III (BO 1541 & BO 1542)	3	79	20	99	9.9	A+	29.7
BO 1645	Practical IV (BO 1543, BO 1641, BO 1642, BO 1643)	4	80	20	100	10	A+	40
BO 1661	Biotechnology & Nanobiotechnology	2	37	16.88	53.88	5.38	D	10.77
BO 1646	Project	4	80	20	100	10	A+	40

CONSOLIDATED GRADE CARD

Course	CCPA	Credit
English Language Course	6.64	19
Additional Language Course Malayalam	7.63	14
Foundation Course	5.68	5
Core Course Botany	7.33	52
Complementary Course(s) Chemistry	6.77	14
Zoology	7.69	14
Open Course Basic Mathematics	7.09	2
Section: CBCS		

FINAL RESULT

CCPA(s)	Credit	Grade	Percentage
7.195	83	B	71.95
CCPA	Credit	Grade	Percentage
7.159	120	B	71.59



Prepared by

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