

### B.Sc. BOTANY (2008 – 2009)

S. No.	Semester	Category	Paper Code	Title of the Paper	Maximum Marks			Minimum Marks for Pass			Hours Week	Credits
					CIA	E.E.	Total	CIA	E.E.	Total		
1.	I	Part I	8U1T1/H1	Tamil - I / Hindi - I	25	75	100	10	30	40	6	3
2.		Part II	8U1E1	English - I	25	75	100	10	30	40	6	3
3.		Core	8U1BOC1	Algae, Fungi and Bryophytes	25	75	100	10	30	40	4	3
4.		Core Practical	8U1BOCP1	Core Practicals (NS)	-	-	-	-	-	-	2	-
5.		Allied	8U1BOZOA1	Allied Zoology - 1	25	75	100	10	30	40	5	4
6.		Allied	8U1BOZOAPL	Allied Zoology - Practical (N.S)	-	-	-	-	-	-	3	-
7.		Skill Based Elective	8U1__S1	Skill Based Elective - I	25	75	100	10	30	40	2	2
8.		Value Education	8U1BOVE	Value Based Education		100	100		40	40	2	2
9.	II	Part I	8U2T2/H2	Tamil - II / Hindi - II	25	75	100	10	30	40	6	3
10.		Part II	8U2E2	English - II	25	75	100	10	30	40	6	3
11.		Core	8U2BOC2	Fundamentals of Industrial Microbiology	25	75	100	10	30	40	4	3
12.		Core Practical	8U2BOCP1	Core Practicals - I	40	60	100	16	24	40	2	3
13.		Allied	8U2BOZOA2	Allied Zoology - II	25	75	100	10	30	40	5	4
14.		Allied	8U2BOZOAPL	Allied Zoology - Practical (I)	40	60	100	16	24	40	3	2
15.		Skill Based Elective	8U2__S2	Skill Based Elective - II	25	75	100	10	30	40	2	2
16.			8U2BOES	Environmental Studies		100	100		40	40	2	2
17.	III	Part I	8U3T3/H3	Tamil - III / Hindi - III	25	75	100	10	30	40	6	3
18.		Part II	8U3E3	English - III	25	75	100	10	30	40	6	3
19.		Core	8U3BOC3	Anatomy & Embryology	25	75	100	10	30	40	6	6
20.		Core Practical	8U3BOCP2	Core Practicals - II	40	60	100	16	24	40	2	2
21.		Allied	8U3BOCHA1	Allied Chemistry - I	25	75	100	10	30	40	5	4
22.		Allied	8U3BOCHAPL	Allied Chemistry Practicals	-	-	-	-	-	-	3	-
23.		Skill Based Elective	8U3__S3	Skill Based Elective - III	25	75	100	10	30	40	2	2
24.	IV	Part I	8U4T4/H4	Tamil - IV/ Hindi - IV	25	75	100	10	30	40	6	3
25.		Part II	8U4E4	English - IV	25	75	100	10	30	40	6	3
26.		Core	8U4BOC4	Pteridophytes & Gymnosperms	25	75	100	10	30	40	6	6
27.		Core Practical	8U4BOCP3	Core Practicals - III	40	60	100	16	24	40	2	2
28.		Allied	8U4BOCHA2	Allied Chemistry - II	25	75	100	10	30	40	5	4
29.		Allied	8U4BOCHAPL	Allied Chemistry Practical	40	60	100	16	24	40	3	2
30.		Skill Based Elective	8U4__S4	Skill Based Elective - IV	25	75	100	10	30	40	2	2

S. No.	Semester	Category	Paper Code	Title of the Paper	Maximum Marks			Minimum Marks for Pass			Hours Week	Credits
					CIA	E.E.	Total	CIA	E.E.	Total		
31.	V	Core	8U5BOC5	Taxonomy & Evolution	25	75	100	10	30	40	6	6
32.		Core	8U5BOC6	Cytogenetics and Molecular Biology	25	75	100	10	30	40	6	6
33.		Core Practical	8U5BOCP4	Core Practicals – IV	40	60	100	10	30	40	6	5
34.		Major Elective	8U5BOEL1A (or) 8U5BOEL1B	Biofertilizer (or) Bioinformatics	25	75	100	10	30	40	4	3
35.			8U5BOEL2A (or) 8U5BOEL2B	Microbial Technology (or) Laboratory Techniques	25	75	100	10	30	40	4	4
36.		Non Major Elective	8U5__NME1	Non Major Elective – I	25	75	100	10	30	40	2	2
37.		Skill Based Elective	8U5__S5	Skill Based Elective – V	25	75	100	10	30	40	2	2
38.	VI	Core	8U6BOC7	Plant and Microbial Physiology	25	75	100	10	30	40	6	6
39.		Core	8U6BOC8	Environmental Botany & Biostatistics	25	75	100	10	30	40	6	6
40.		Core Practical	8U6BOCP5	Core Practicals – V	40	60	100	10	30	40	6	6
41.		Major Elective	8U6BOEL3A (or) 8U6BOEL3B	Biotechnology (or) Preservation of Fruits and Vegetables	25	75	100	10	30	40	4	4
42.			8U6BOEL4A (or) 8U6BOEL4B	Fermentation Technology (or) Environmental Biotechnology	25	75	100	10	30	40	4	4
43.		Non Major Elective	8U6__NME2	Non-Major Elective II	25	75	100	10	30	40	2	2
44.		Skill Based Elective	8U6__S6	Skill Based Elective – V	25	75	100	10	30	40	2	2
45.		Extension Activity	8U6BOEA	Extension Activity	-	-	-	-	-	-	-	1
						Total Credit						



### B.Sc. Botany (2008 - 2009)

Part	Total No. Of Papers	Total Marks	Total Credits	Classification
Part - I	04	400	12	√
Part - II	04	400	12	√
Part - III Core Allied Major Elective	02 06 04 <b>23</b>	1300 600 400 <b>2300</b>	60 20 15 <b>95</b>	√
Part - IV Value Education Skill Elective Non Major Elective	02 06 02 <b>10</b>	200 600 200 <b>1000</b>	04 12 04 <b>20</b>	√
Part - V	Extension Activity		01	x
Total	<b>41</b>	<b>4100</b>	<b>140</b>	√

### B.Sc., BOTANY (2017 – 2018)

S. No.	SEM	Category	Paper Code	Title of the Paper	Maximum Marks			Minimum Marks for Pass			Hours Week	Credits
					CIA	E.E	Total	CIA	E.E	Total		
1.	I	Part-I	17U1BOT1/H1	Tamil-I/ Hindi-I	25	75	100	10	30	40	6	3
2.		Part – II	17U1BOE1	English-I	25	75	100	10	30	40	6	3
3.		Core I	17U1BOC1	Algae, Fungi and Bryophytes	25	75	100	10	30	40	7	5
4.		Core PL	17U1BOCP1	Practical – I	40	60	100	16	24	40	3	5
5.		Allied	17U1BOZOA1	Allied Zoology – I	25	75	100	10	30	40	5	4
		Allied (NS)	17U2BOZOAPL	Allied Zoology Practical (NS)	-	-	-	-	-	-	3	-
6.		ES	17U1BOES	Environmental Studies	-	100	100	-	40	40	-	1
7.	II	Part-I	17U2BOT2/H2	Tamil-II/Hindi-II	25	75	100	10	30	40	6	3
8.		Part - II	17U2BOE2	English-II	25	75	100	10	30	40	6	3
9.		Core I	17U2BOC2	Fundamentals of Industrial Microbiology	25	75	100	10	30	40	7	5
10.		Core PL	17U2BOCP2	Practical - II	40	60	100	16	24	40	2	5
11.		Allied	17U2BOZOA2	Allied Zoology – II	25	75	100	10	30	40	5	4
12.		Allied PL	17U2BOZOAPL	Allied Zoology Practical (NS)	40	60	100	16	24	40	3	2
13.		SBE	17U1BOS1	Culture of Microorganisms	25	75	100	10	30	40	1	1
14.		VBE	17U2BOVBE	Value based Education	25	75	100	10	30	40	-	-
15.	III	Part-I	17U3BOT3/H3	Tamil-III/ Hindi-III	25	75	100	10	30	40	6	3
16.		Part – II	17U3BOE3	English-III	25	75	100	10	30	40	6	3
17.		Core I	17U3BOC3	Anatomy and Embryology	25	75	100	10	30	40	8	5
18.		Core PL	17U3BOCP3	Practical - III	40	60	100	16	24	40	2	5
19.		Allied	17U3BOCHA3	Allied Chemistry – I	25	75	100	10	30	40	5	4
		Allied PL (NS)	17U4BOCHAPL	Allied Chemistry Practical (NS)	-	-	-	-	-	-	3	-
20.		GS	17U3BOGS	Gender Studies	-	100	100	-	40	40	-	-

S. No.	SEM	Category	Paper Code	Title of the Paper	Maximum Marks			Minimum Marks for Pass			Hours Week	Credits
					CIA	E.E	Total	CIA	E.E	Total		
21.	IV	Part-I	17U4BOT4/H4	Tamil-IV/ Hindi-IV	25	75	100	10	30	40	6	3
22.		Part – II	17U4BOE4	English-IV	25	75	100	10	30	40	6	3
23.		Core I	17U4BOC4	Pteridophytes and Gymnosperms	25	75	100	10	30	40	7	5
24.		Core PL	17U4BOCP4	Practical - IV	40	60	100	16	24	40	2	5
25.		Allied	17U4BOCHA2	Allied Chemistry – II	25	75	100	10	30	40	5	4
26.		Allied PL	17U4BOCHAPL	Allied Chemistry Practical (NS)	40	60	100	16	24	40	3	2
27.		SBE	17U4BOS2	Compost Preparation	25	75	100	10	30	40	1	1
28.	V	Core I	17U5BOC5	Taxonomy and Economic Botany	25	75	100	10	30	40	5	5
29.		Core II	17U5BOC6	Cytogenetics and Molecular Biology	25	75	100	10	30	40	5	5
30.		Core III	17U5BOC7	Fundamentals of Bioinformatics	25	75	100	10	30	40	5	4
31.		Core PL	17U5BOCP5	Practical V	40	60	100	16	24	40	4	4
32.		Major Elective- I	17U5BOEL1A 17U5BOEL1B	Biofertilizer Biological control	25	75	100	10	30	40	4	4
33.		Major Elective II	17U5BOEL2A 17U5BOEL2B	Applied Microbiology Laboratory Techniques	25	75	100	10	30	40	4	3
34.		NME	17U5BONME	Herbal Technology	25	75	100	10	30	40	2	1
35.		SSD	17U5BOSSD	Soft Skill Development	-	-	100	-	40	40	1	-
36.	VI	Core I	17U6BOC8	Plant Physiology	25	75	100	10	30	40	6	5
37.		Core II	17U6BOC9	Environmental Botany and Biostatistics	25	75	100	10	30	40	5	5
38.		Core III	17U6BOC10	Forest Botany & Wood Science	25	75	100	10	30	40	5	4
39.		Core PL	17U6BOCP6	Practical - VI	40	60	100	16	24	40	4	4
40.		Major Elective-III	17U6BOEL3A 17U6BOEL3B	Biotechnology Environmental Biotechnology	25	75	100	10	30	40	4	4
41.		Major Elective-IV	17U6BOEL4A 17U6BOEL4B	Plant Tissue Culture Preservation of Fruits and Vegetables	25	75	100	10	30	40	4	3
42.		GK	17U6BOGK	General Knowledge	-	100	100	-	40	40	1	-
43.		CN	17U6BOCN	Comprehensive Test	-	100	100	-	40	40	1	1
				Extension Activity	-	-	-	-	-	-	-	1
				Total	4300						180	140

**B.Sc., BOTANY (2017 - 2018)**

<b>Paper Code</b>	<b>Total No. Of Papers</b>	<b>Total Marks</b>	<b>Total Credits</b>	<b>Classification</b>
<b>Part - I</b>	<b>04</b>	<b>400</b>	<b>12</b>	√
<b>Part – II</b>	<b>04</b>	<b>400</b>	<b>12</b>	√
<b>Part – III</b> Core Allied Major Elective	16 06 04 <b>26</b>	1600 600 400 <b>2600</b>	76 20 14 <b>110</b>	√
<b>Part – IV</b> Environmental Studies Value based education Skill Based Elective Gender studies Non Major Elective Soft skill development G.K Comprehensive Test	1 1 2 1 1 1 1 1 <b>9</b>	100 100 200 100 100 100 100 100 <b>900</b>	1 -- 2 -- 1 -- -- 1 <b>05</b>	√
<b>Part – V</b>	<b>Extension Activity</b>		<b>1</b>	X
<b>Total</b>	<b>43</b>	<b>4300</b>	<b>140</b>	√