B.Sc. Computer Science (2008– 2009)

S. No	Semes ter	Category	Course Code	Title of the Paper	Maximum Marks			Minimum Marks for Pass			Hours/ Week	Credits
					C.I.A	E.E	Total	C.I.A	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	8U1CSC1	Programming in C	25	75	100	10	30	40	4	3
		Core (N.S)	8U2CSCP1	Software Lab-I C and C++ Lab							2	
4		Allied	8U1CSMAA1	Allied Mathematics I	25	75	100	10	30	40	5	3
5		Allied(N.S)	8U2CSMAA2	Allied Mathematics II							3	
6		Value Education	8U1CSVE	Value Based Education		100	100		40	40	2	2
8		Skill Elective	8U1_ _S1	Skill Based Elective –I	25	75	100	10	30	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	8U2CSC2	C++ Programming	25	75	100	10	30	40	4	4
		Core	8U2CSCP1	Software Lab-I C and C++ Lab	40	60	100	16	24	40	2	2
12		Allied	8U2CSMAA2	Allied Mathematics II	25	75	100	10	30	40	3	4
13		Allied	8U2CSMAA3	Allied Mathematics III	25	75	100	10	30	40	3	3
15		Environmental Studies	8U2CSES	Environmental Studies		100	100		40	40	4	2
16		Skill Elective	8U2_ _S2	Skill Based Elective –II	25	75	100	10	30	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	8U3CSC3	Java Programming	25	75	100	10	30	40	4	4
		Core (N.S)	8U4CSC4	Data structures and Algorithms							2	
		Core (N.S)	8U4CSCP2	Software Lab-II Java Lab							2	
21		Allied	8U3CSPHA1	Allied physics I	25	75	100	10	30	40	6	4
22		Allied N.S	8U4CSPHAPL	Allied Physics Lab	40	60	100	16	24	40	2	2
23		Skill Elective	8U3_ _S3	Skill Based Elective –III	25	75	100	10	30	40	2	2

S. No	Semester	Category	Course	Title of the Paper	Maximum Marks			Minimum Marks for Pass			Hours/ Week	Credits
					C.I.A	E.E	Total	C.I.A	E.E	Total		
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
		Core	8U4CSC4	Data structures and Algorithms	25	75	100	10	30	40	2	4
26		Core	8U4CSC5	Computer Architecture	25	75	100	10	30	40	4	4
27		core	8U4CSCP2	Software Lab-II Java Lab	40	60	100	16	24	40	2	4
28		Allied	8U4CSPHA2	Allied Physics II	25	75	100	10	30	40	6	4
29		Allied N.S	8U4CSPHAPL	Allied Physics Lab	40	60	100	16	24	40	2	2
30		Skill Elective	8U4__S4	Skill Based Elective – IV	25	75	100	10	30	40	2	2
31	V.	Core	8U5CSC6	Computer Graphics	25	75	100	10	30	40	6	6
32		Core	8U5CSC7	Microprocessors & Assembly Languages	25	75	100	10	30	40	6	6
33		Core	8U5CSC8	Data Base Management Systems	25	75	100	10	30	40	6	5
34		Major Elective	8U5CSEL1A 8U5CSEL1B	Dot Net Framework Multimedia	25 25	75 75	100 100	10 10	30 30	40 40	4 4	3 3
35		Major Elective	8U5CSEL2PA 8U5CSEL2PB	Software Lab III- Dot Net Framework Lab Multimedia Lab	40 40	60 60	100 100	16 16	24 24	40 40	4 4	4 4
36		Non Major Elective Course -1	8U5__NME1	Non- Major Elective-1	25	75	100	10	30	40	2	2
37		Skill Elective	8U5__S5	Skill Based Elective –V	25	75	100	10	30	40	2	2
38	VI	Core	8U6CSC9	Operating Systems	25	75	100	10	30	40	6	6
39		Core	8U6CSC10	Data Communication Networks	25	75	100	10	30	40	6	6
40		Core	8U6CSP3	Micro Processors and Digital Lab	40	60	100	16	24	40	6	6
41		Major Elective	8U6CSEL3A 8U6CSEL3B	Web Design Open Source Technology	25	75	100	10	30	40	4	4
42		Major Elective	8U6CSEL4PA 8U6CSEL4PB	Software Lab IV Web Design Lab Open Source Lab	40	60	100	16	24	40	4	4
43		Non- Major Elective Course-2	8U6__NME2	Non- Major Elective-II	25	75	100	10	30	40	2	2
44		Skill Elective	8U6__S6	Skill Based Elective VI	25	75	100	10	30	40	2	2
45		Extension Activities	8U6CSEA									1

Total Marks-4100 **Total Credits-140**

B.Sc. Computer Science (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	02	1300	60	
Allied	06	600	20	
Major Elective	04	400	15	
	23	2300	95	
Part – IV				√
Value Education	02	200	04	
Skill Elective	06	600	12	
Non Major Elective	02	200	04	
	10	1000	20	
Part - V	Extension Activity		01	x
Total	41	4100	140	√

B.Sc. COMPUTER SCIENCE (2017-2018)

Sl. No.	Semester	Category	Course code	Title of the Course	Maximum Marks			Minimum Marks for pass			Hours week	Credits
					CIA	E.E	Total	CIA	E.E	Total		
1	I	Part I	17U1CST1/H1	Tamil-I/Hindi -I	25	75	100	10	30	40	6	3
2		Part II	17U1CSE1	English-I	25	75	100	10	30	40	6	3
3		Core	17U1CSC1	Problem Solving and Programming Techniques	25	75	100	10	30	40	6	6
4		Core	17U1CSCP1	Lab-I C Programming	40	60	100	16	24	40	3	3
5		Allied	17U1CSMAA1	Allied Mathematics I	25	75	100	10	30	40	6	3
		Allied	17U2CSMAA2	Discrete Mathematics (NS)	-	-	-	-	-	-	3	-
6		ES (SS)	17U1CSES	Environment Studies	-	100	100	-	40	40	-	1
7	II	Part I	17U2CST2/H2	Tamil-II/Hindi –II	25	75	100	10	30	40	6	3
8		Part II	17U2CSE2	English-II	25	75	100	10	30	40	6	3
9		Core	17U2CSC2	C++ and Data Structures	25	75	100	10	30	40	6	6
10		Core	17U2CSCP2	Lab-II C++ Programming	40	60	100	16	24	40	3	3
11		Allied	17U2CSMAA2	Discrete Mathematics (NS)	25	75	100	10	30	40	3	4
12		Allied	17U2CSMAA3	Allied Mathematics III	25	75	100	10	30	40	5	3
13		VBE	17U2CSVE	Value Based Education	25	75	100	10	30	40	-	-
14		SBE	17U2CSS1	Skill Based Elective - New Media - 1	25	75	100	10	30	40	1	1
15	III	Part I	17U3CST3/H3	Tamil-III/Hindi –III	25	75	100	10	30	40	6	3
16		Part II	17U3CSE3	English-III	25	75	100	10	30	40	6	3
17		Core	17U3CSC3	Java Programming	25	75	100	10	30	40	6	6
18		Core	17U3CSCP3	Lab-III Java Programming	40	60	100	16	24	40	3	3
19		Allied	17U3CSPHA1	Allied Physics I	25	75	100	10	30	40	6	4
		Allied	17U4CSPHAPL	Allied Physics Lab (NS)	-	-	-	-	-	-	3	-
20		GS	17U3CSGS	Gender Studies	-	100	100	-	40	40	-	-

Sl. No.	Semester	Category	Course code	Title of the Course	Maximum Marks			Minimum Marks for pass			Hours week	Credits
					CIA	E.E	Total	CIA	E.E	Total		
21	IV	Part I	17U4CST4/H4	Tamil-IV/Hindi -IV	25	75	100	10	30	40	6	3
22		Part II	17U4CSE4	English-IV	25	75	100	10	30	40	6	3
23		Core	17U4CSC4	Database Management Systems	25	75	100	10	30	40	6	6
24		Core	17U4CSCP4	Lab-IV RDBMS	40	60	100	16	24	40	3	3
25		Allied	17U4CSPHA2	Allied Physics II	25	75	100	10	30	40	6	4
26		Allied	17U4CSPHAPL	Allied Physics Lab (NS)	40	60	100	16	24	40	2	2
27		SBE	17U4CSS2	Skill Based Elective-New Media – 2	25	75	100	10	30	40	1	1
28	V	Core	17U5CSC5	Distributed Programming using .net	25	75	100	10	30	40	6	6
29		Core	17U5CSC6	Data Mining and Data Warehousing	25	75	100	10	30	40	5	6
30		Core	17U5CSC7	Cloud Computing	25	75	100	10	30	40	4	5
31		Core	17U5CSCP5	Lab-V Distributed Programming using .net Lab	40	60	100	16	24	40	3	3
32		Elective-I	17U5CSEL1A 17U5CSEL1B	Computer Graphics Multimedia Technologies	25	75	100	10	30	40	4	4
33		Elective-II	17U5CSEL2A 17U5CSEL2B	Software Engineering UML Programming	25	75	100	10	30	40	4	3
34		NME	17U5CSNME	Non Major Elective- Internet basics	25	75	100	10	30	40	3	1
35		SSD	17U5CSSSD	Soft Skill Development	-	100	100	-	40	40	1	-
36	VI	Core	17U6CSC8	Computer architecture and Microprocessor	25	75	100	10	30	40	5	5
37		Core	17U6CSC9	Data Communication Network	25	75	100	10	30	40	5	5
38		Core	17U6CSC10	Operating System	25	75	100	10	30	40	5	5
39		Core	17U6CSC11	Mobile Applications	25	75	100	10	30	40	5	5
40		Elective-I	17U6CSEL3A 17U6CSEL3B	Web Design Open Source Technology	25	75	100	10	30	40	4	4
41		Elective-II	17U6CSEL4PA 17U6CSEL4PB	Lab-VI Web Design & Mobile Lab Open Source Technology-Lab	40	60	100	16	24	40	4	3
42		CN	17U6CSCN	Comprehensive test	-	100	100	-	40	40	1	1
43		GK	17U6CSGK	General Knowledge	-	100	100	-	40	40	1	-
				Extension Activities	-	-	-	-	-	-	-	1
				Total			**4300**				**180**	**140**

B.Sc. COMPUTER SCIENCE (2017 – 2018)

Paper Code	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	16 06 04 **26**	1600 600 400 **2600**	76 20 14 **110**	√
Part – IV 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 **9**	100 100 200 100 100 100 100 **900**	1 - 2 - 1 - - 1 **5**	√
Part – V	**Extension Activity**		**1**	X
Total	**43**	**4300**	**140**	√