

**M.Sc. Computer Science (2008– 2009)**

S. 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	Core	8P1CSC1	Computer Simulation and Modeling	25	75	100	10	30	50	6	5 ✓
2.		Core	8P1CSC2	Data mining and Data Ware Housing	25	75	100	10	30	50	6	5
3.		Major Elective	8P1CSE1A 8P1CSE1B	Pervasive Computing Network Management	25	75	100	10	30	50	6	5
4.		Core-PL	8P1CSCP1	LAB-I JAVA	40	60	100	16	24	50	6	3
5.		Core-PL	8P1CSCP2	LAB -II Web Design Lab	40	60	100	16	24	50	6	3
6.	II	Core	8P2CSC3	Compiler Design	25	75	100	10	30	50	6	5
7.		Core	8P2CSC4	Distributed Technologies	25	75	100	10	30	50	5	5
8.		Core	8P2CSC5	C# Programming	25	75	100	10	30	50	5	5
9.		Major Elective	8P2CSE2A 8P2CSE2B	Human Computer Interaction Parallel and Distributed Computing	25	75	100	10	30	50	6	6
10.		Core-PL	8P2CSCP3	LAB- III Distributed Technologies Lab	40	60	100	16	24	50	4	2
11.		Core-PL	8P2CSCP4	LAB - IV C# Programming Lab	40	60	100	16	24	50	4	2
12.	III	Core	8P3CSC6	Web Services	25	75	100	10	30	50	6	5 ✓
13.		Core	8P3CSC7	Advanced Software Engineering	25	75	100	10	30	50	6	5 ✓
14.		Core	8P3CSC8	Embedded Systems	25	75	100	10	30	50	5	5 ✓
15.		Core	8P3CSCP5	Lab-V Mini Project	40	60	100	16	24	50	5	2 ✓
16.		Core	8P3CSCP6	Lab-VI Embedded Lab	40	60	100	16	24	50	4	3 ✓
17.		EDC	8P3_ _EDC	Extra Disciplinary Course	25	75	100	10	30	50	4	4
18.	IV	Major Elective	8P4CSE3A 8P4CSE3B	Open Source Product Lab/ Software Communication and Documentation	40/ 25	60/ 75	100 100	16/ 10	24/ 30	50/ 50	6	5
19		Core	8P4CSCPR	PROJECT	40	60	100	20	30	50	3 Months	15

**Total Marks - 1900**

**Total Credits-90**

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COURSES	TOTAL NO OF COURSES	TOTAL MARKS	TOTAL CREDIT
<b>Core</b>	15	1500	70
<b>Major Elective</b>	3	300	16
<b>Extra Disciplinary Course</b>	1	100	4
<b>Total</b>	<b>19</b>	<b>1900</b>	<b>90</b>

### M.Sc. COMPUTER SCIENCE (2017-2018)

S. No	Semester	Category	Course code	Course Title	Maximum marks			Minimum marks for pass			Hours week	Credits
					CIA	E.E	TOTAL	CIA	E.E	TOTAL		
1	I	Core	17P1CSC1	Mathematical Foundations of Computer Science	25	75	100	10	30	50	6	6
2		Core	17P1CSC2	Java Programming	25	75	100	10	30	50	6	6
3		Core	17P1CSC3	.Net framework and C# Programming	25	75	100	10	30	50	6	5
4		Core-PL	17P1CSCP1	Java Programming Lab	40	60	100	16	24	50	3	2
5		Core-PL	17P1CSCP2	C# Programming Lab	40	60	100	16	24	50	3	2
6		Major Elective-I	17P1CSEL1A 17P1CSEL1B 17P1CSEL1C	Advanced Software Engineering Design and Analysis of Algorithm Object Oriented System Development	25	75	100	10	30	50	6	4
7	II	Core	17P2CSC4	Cloud Based Web Services	25	75	100	10	30	50	4	5
8		Core	17P2CSC5	Distributed Programming using J2EE	25	75	100	10	30	50	5	5
9		Core	17P2CSC6	Cross Platform-Mobile Applications Development	25	75	100	10	30	50	5	5
10		Core	17P2CSC7	Big Data Analytics	25	75	100	10	30	50	5	5
11		Core-PL	17P2CSCP3	Distributed Programming using J2EE Lab	40	60	100	16	24	50	3	2
12		Core-PL	17P2CSCP4	Cross Platform–Mobile Applications Development Lab	40	60	100	16	24	50	3	2
13		Major Elective-II	17P2CSEL2A 17P2CSEL2B 17P2CSEL2C	PIC Microcontroller And Applications Ubiquitous Computing Wireless and Mobile Networks	25	75	100	10	30	50	5	4
14	III	Core	17P3CSC8	Compiler Design	25	75	100	10	30	50	6	6
15		Core	17P3CSC9	Human Computer Interaction	25	75	100	10	30	50	5	5
16		Core	17P3CSC10	Internet of Things	25	75	100	10	30	50	5	5
17		Core	17P3CSC11	Soft Computing	25	75	100	10	30	50	5	5
18		Core	17P3CSCP5	PIC Programming Lab	40	60	100	16	24	50	3	3
19		EDC	17P3CSEDC	M-Commerce	25	75	100	10	30	50	4	-
20				Communicative Skills	-	-	-	-	-	-	2	
21	IV	Major Elective-III	17P4CSEL3A 17P4CSEL3B 17P4CSEL3C	Data Analytics Lab Haskell Lab Python Lab	40	60	100	16	24	50	6	4
22		Core-PL	17P4CSCP6	Object Oriented System Development Lab	40	60	100	16	24	50	4	2
23			17P4CSPR	Project	40	60	100	16	24	50	-	5
			17P4CSCN	Comprehension	-	100	100	-	-	50	4	2
Total 2300											120	90

### **M.Sc. COMPUTER SCIENCE - 2017-2018**

<b>Paper Code</b>	<b>Total No. Of Papers</b>	<b>Total Marks</b>	<b>Total Credits</b>	<b>Classification</b>
Core	17	1700	72	✓
Elective	03	300	12	✓
E.D.C	01	100	-	✓
Project	01	100	04	X
Comprehension	01	100	02	✓
Soft skill using language lab	-	-	-	X
<b>Total</b>	<b>23</b>	<b>2300</b>	<b>90</b>	