

**M.Sc., INFORMATION TECHNOLOGY (2008 – 2009)**

S. No	Semester	Category	Course Code	Title of the Course	Maximum Marks			Minimum Marks For Pass			Hours/ Week	Credits	
					C.I.A	E.E	Total	C.I.A	E.E	Total			
1	I	Core	8P1ITC1	Advanced Java Programming	25	75	100	10	30	50	6	5	
2		Core	8P1ITC2	Internet and Web Technology	25	75	100	10	30	50	6	5	
3		Major Elective	8P1ITE1A 8P1ITE1B	Mobile Computing Communication Networks	25	75	100	10	30	50	6	5	
4		Core-PL	8P1ITCP1	LAB-I Web Design Lab	40	60	100	16	24	50	6	3	
5		Core-PL	8P1ITCP2	LAB –II Java OOPS Lab	40	60	100	16	24	50	6	3	
6	II	Core	8P2ITC3	Advanced Software Engineering	25	75	100	10	30	50	6	5	
7		Core	8P2ITC4	Data Mining and Data Ware Housing	25	75	100	10	30	50	5	5	
8		Core	8P2ITC5	C# programming	25	75	100	10	30	50	5	5	
9		Core-PL	8P2ITCP3	LAB- III C# Programming Lab	40	60	100	16	24	50	4	2	
10		Core-PL	8P2ITCP4	LAB – IV Core Java Lab	40	60	100	16	24	50	4	2	
11		Major Elective	8P2ITE2A 8P2ITE2B	Pervasive Computing Management Information System	25	75	100	10	30	50	6	6	
12	III	Core	8P3ITC6	Distributed Technologies	25	75	100	10	30	50	5	5	
13		Core	8P3ITC7	Web Services	25	75	100	10	30	50	6	5	
14		Core	8P3ITC8	Human Computer Interaction	25	75	100	10	30	50	5	5	
15		Core PL	8P3ITCP5	LAB –V- Distributed Technologies Lab	40	60	100	16	24	50	5	3	
16		Core-PL	8P3ITCP6	LAB-VI- Mini project	40	60	100	16	24	50	5	2	
17		EDC		Extra Disciplinary Course	25	75	100	10	30	50	4	4	
18	IV	Major Elective	8P4ITE3A 8P4ITE3B	Open Source Product Lab Software Communication and Documentation	40/ 25	60/ 75	100	16/ 10	24/ 30	50	6	5	
19		Core	8P4ITCPR	PROJECT	40	60	100	20	30	50	3 Months	15	
Total Marks 1900												Total Credits 90	

**M.Sc.,(INFORMATION TECHNOLOGY)**

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

### M.Sc. (INFORMATION TECHNOLOGY) 2017-2018

S. no	Semester	Category	Course code	Title of the paper	Maximum marks			Minimum marks for pass			Hours /week	Credits
					CIA	E.E	TOTAL	CIA	E.E	TOTAL		
1	I	Core	17P1ITC1	Java Programming	25	75	100	10	30	50	6	6
2		Core	17P1ITC2	Object Oriented Analysis and Design	25	75	100	10	30	50	6	6
3		Core	17P1ITC3	Database Management System	25	75	100	10	30	50	6	6
4		Core-PL	17P1ITCP1	Java Programming Lab	40	60	100	16	24	50	3	2
5		Core-PL	17P1ITCP2	DBMS Lab	40	60	100	16	24	50	3	2
6		Major Elective-I	17P1ITEL1A 17P1ITEL1B 17P1ITEL1C	Computer Networks / TCP-IP / Open Source Technology	25	75	100	10	30	50	6	4
7	II	Core	17P2ITC4	Internet and Web Technology	25	75	100	10	30	50	5	5
8		Core	17P2ITC5	. Net framework and C# Programming	25	75	100	10	30	50	5	5
9		Core	17P2ITC6	Cross Platform - Mobile Applications Development	25	75	100	10	30	50	5	5
10		Core	17P2ITC7	Ontological Engineering	25	75	100	10	30	50	5	5
11		Core-PL	17P2ITCP3	C# and Web Technology Lab	40	60	100	16	24	50	3	2
12		Core-PL	17P2ITCP4	Cross Platform-Mobile Applications Development Lab	40	60	100	16	24	50	3	2
13		Major Elective-II	17P2ITEL2A 17P2ITEL2B 17P2ITEL2C	Enterprise Resource Planning / Management Information System / Software Project Management	25	75	100	10	30	50	4	4
14	III	Core	17P3ITC8	Big Data Analytics	25	75	100	10	30	50	5	5
15		Core	17P3ITC9	Cloud Based Web services	25	75	100	10	30	50	5	4
16		Core	17P3ITC10	Internet-of-Things	25	75	100	10	30	50	5	5
17		Core	17P3ITC11	Advanced Software Engineering	25	75	100	10	30	50	6	6
18		Core	17P3ITCP5	Web Services Lab	40	60	100	16	24	50	3	2
		EDC	17P3ITEDC	M-Commerce	25	75	100	10	30	50	4	-
19				Communicative Skills	-	-	-	-	-	-	2	
20	IV	Major Elective-III	17P4ITEL3A 17P4ITEL3B 17P4ITEL3C	Data Analytics Lab / Haskell Lab / Python Lab	40	60	100	16	24	50	6	4
21		Core-PL	17P4ITCP6	Object Oriented Analysis and Design Lab	40	60	100	16	24	50	4	3
22		Project	17P4ITPR	Project	40	60	100	16	24	50	-	4
23		CN	17P4ITCN	Comprehension	-	100	100	-	50	50	4	2
Total Marks-2100Credits - 90												

### **M.Sc. INFORMATION TECHNOLOGY (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>	