

SEM 1

Serial Number	Subject Code	Subject Name	Category	Teaching Scheme (Hours)				Credits
				Theory	Tutorial	Practical		
1	01MA0106	Calculus	BSC	3	1	0	4	
2	01EE1101	Basics of Electrical & Electronics Engineering				ESC	4	0
	5							2
3	01CE1101	Computer Programming				ESC	4	2
							0	5
4	01GS1101	Engineering Physics	BSC	3	2	0	4	
5	01CR1103	Value Education	MC	2	0	0	0	
6	01CE1102	Computer Workshop	LC	0	0	2	1	
7	01GS0103	Indian constitution	MC	1	0	0	0	
8	01CR0105	Verbal Ability – 1	MC	1	0	0	0	
Total	18	1	8	19				

SEM 2

Serial Number	Subject Code	Subject Name	Category	Teaching Scheme (Hours)				Credits
				Theory	Tutorial	Practical		
1	01MA0104	Linear Algebra	BSC	3	1	0	4	
2	01CE0104	Object Oriented Programming				PCC	2	0
							4	4
3	01ME1103	Engineering Drawings	ESC	2	0	4	4	
4	01EC0102	Digital Electronics	ESC	3	2	0	4	
5	01SL0102/ 01SL0103	Reading and Writing for Technology / Speaking and Presentation Skills						
	2	0	0	2				HSMC
6	01EN1101	Basics of Environmental Studies				MC	2	0
							0	0
7	01CR0104	Professional Ethics	MC	1	0	0	0	
8	01CR0106	Verbal Ability – 2	MC	1	0	0	0	
Total	16	1	10	18				

SEM 3

Serial Number	Subject Code	Subject Name	Category	Teaching Scheme (Hours)				Credits
				Theory	Tutorial	Practical		
1	01CE0309	Probability and Statistics	BSC	3	0	2	4	
2	01CE1301	Data Structure	PCC	3	0	2	4	
3	01CE2302	Database Management System	PCC	3	0	2	4	
4	01CE0306	Web Technology	PCC	3	0	2	4	
5	01CE0308	Advance Java Technology	PCC	2	0	4	4	
6	01CE1304 0	Design Thinking and Problem Solving Skills			MC	0	0	2
7	01CE1305	Programming with Python		MC	0	0	2	0
Total	14	0	16	20				

SEM 4

Serial Number	Subject Code	Subject Name	Category	Teaching Scheme (Hours)				Credits
				Theory	Tutorial	Practical		
1	01CE0509	Fundamentals of Microprocessors	ESC	3	0	2	4	
2	01CE1503	Design and Analysis of Algorithm	PCC	3	0	2	4	
3	01CE0510	Advanced Web Technology	PCC	3	0	2	4	
4	01CE05XX	Program Elective – 1	PCC	2	0	2	3	
5	01CE05XX	Program Elective – 2	PCC	2	0	2	3	
6	01CE0511	Seminar	EEC	0	0	2	1	
Total	13	0	12	19				

SEM 5

Serial Number	Subject Code	Subject Name	Category	Teaching Scheme (Hours)				Credits
				Theory	Tutorial	Practical		
1	01CE0501 4	Microprocessor Fundamentals & Programming	PC	3	0		2	
2	01EE1101	Advanced Java Programming	PC	4	0	2	5	

3	01CE0503	Design and Analysis of Algorithm	ESC	4	0	2	5
4	01CE0504	Theory of Automata and Formal Languages	PC	3	0	0	0
	3						
5	01CE05XX/ 01IT05XX	Department Elective – 1	PEC	4	0	2	5
6	01CE0508	Reverse Engineering	EE	0	0	2	1
7	01IT0502	Seminar	PC	0	0	2	1
Total	18	0	12	24			

SEM 6

Serial Number	Subject Code	Subject Name	Category	Teaching Scheme (Hours)				Credits
				Theory	Tutorial	Practical		
1	01IT0601	Software Engineering	PC	3	0	2	4	
2	01CE0601	Compiler Design	PC	4	0	2	5	
3	01CE0602	.NET Technologies	ESC	4	0	2	5	
4	01IT0602	Web Technology	PC	3	0	2	4	
5	01CE06XX	Department Elective – 2	PEC	4	0	2	5	
6	01CE0508	Design Engineering and Project Management			EE	0	0	0
	2	1						
7	01IT0502	Business Benchmark	PC	0	0	2	1	
Total	18	0	12	24				

SEM 7

Subject Number	Subject Name	Category	Teaching Scheme (Hours)				Credits
			Theory	Tutorial	Practical		
01IT0701	Advanced Web Technologies	PC	3	0	2	4	
01CE0702	Artificial Intelligence	PC	4	0	2	5	
01CE07XX	Department Elective – 3	PEC	3	0	2	4	
01CE07XX	Department Elective – 4	PEC	3	0	2	4	
01CE07XX	Department Elective – 5	PEC	3	0	2	4	

01IT1703	Major Project – 1	PC	0	0	8	4
Total	16	0	18	25		

SEM 8

Subject Number	Subject Name		Category		Teaching Scheme (Hours)		Credits
	Theory	Tutorial			Practical		
01IT1801	Major Project – 2	PC	0	0	30	15	
Total	0	0	30	15			