

**Semester wise Plan (Subject to minor changes)**

Year & Sem	Course Code	Course Name	Full/Half Sem	Lectures-L, Tutorial-T, Practical-P Hours per week			Credits earned										
				L	T	P	Ins Core	Prog Core	Prog Elec	Maths	Science	Hum	Open	Hons			
<b>Monsoon</b>												Elec	0	0			
I-I	MA5.101	Discrete Structures	Full	3	1	0	-	-	-	4	-	-	-	-			
	CS0.101	Computer Programming	Full	3	1	3	-	5	-	-	-	-	-	-			
	MA4.101	Real Analysis	Full	3	1	0	-	-	-	4	-	-	-	-			
	EC2.101	Digital Systems and Microcontrollers	Full	3	1	3	-	5	-	-	-	-	-	-			
	OC2.101	Arts-1	Full	0	2	2	2	-	-	-	-	-	-	-			
	OC1.101	Sports-1	Full	0	0	2	1	-	-	-	-	-	-	-			
	OC3.101	Value Education-1	Full	2	1	0	2	-	-	-	-	-	-	-			
	<b>Sub Total</b>			14	7	10	5	10	0	8	0	0	0	0			
	<b>Total</b>												23				
<b>Spring</b>												-	-	-			
I-II	MA2.101	Linear Algebra	Full	3	1	0	-	-	-	4	-	-	-	-			
	CS3.303	Introduction to IoT	Full	2	0	3	-	3	-	-	-	-	-	-			
	CS1.201	Data Structures and Algorithms	Full	3	1	3	-	5	-	-	-	-	-	-			
	CS6.201	Introduction to Software Systems	Half	1	0	3	-	2	-	-	-	-	-	-			
	CS2.201	Computer Systems Organization	Full	3	1	0	-	4	-	-	-	-	-	-			
	OC1.102	Sports-2	Full	0	0	2	1	-	-	-	-	-	-	-			
	OC2.102	Arts-2	Full	0	2	2	2	-	-	-	-	-	-	-			
	<b>Sub Total</b>			12	5	13	3	14	0	4	0	0	0	0			
	<b>Total</b>												21				
<b>Monsoon</b>												-	-	-			
II-I	MA6.101	Probability and Statistics	Full	3	1	0	-	-	-	4	-	-	-	-			
	CS4.301	Data and Applications	Half 2	3	1	0	-	2	-	-	-	-	-	-			
	CS1.302	Automata Theory	Half 1	3	1	0	-	2	-	-	-	-	-	-			
	CS1.301	Algorithm Analysis and Design	Full	3	1	0	-	4	-	-	-	-	-	-			
	CS3.301	Operating Systems and Networks	Full	3	1	0	-	4	-	-	-	-	-	-			
	SC1.110	Science -1	Full	3	1	0	-	-	-	4	-	-	-	-			
	EC3.202	Embedded Systems Workshop	Half	1	0	2	-	3	-	-	-	-	-	-			
	OC1.103	Sports-3	Full	0	0	2	1	-	-	-	-	-	-	-			
	<b>Sub Total</b>			19	6	4	1	15	0	4	4	0	0	0			
<b>Total</b>												24					
<b>Spring</b>												-	-	-			
II-II	CSx.3nn	Theory/Foundation Breadth Elective -1	Half	3	1	0	-	-	2	-	-	-	-	-			
	CSx.3nn	Theory/Foundation Breadth Elective -2	Half	3	1	0	-	-	2	-	-	-	-	-			
	CSx.3nn	Theory/Foundation Breadth Elective -3	Half	3	1	0	-	-	2	-	-	-	-	-			
	CS6.301	Design and Analysis of Software Systems	Full	3	1	0	-	4	-	-	-	-	-	-			
	CS7.301	Machine, Data and Learning	Full	3	1	0	-	4	-	-	-	-	-	-			
	SC1.111	Science 2	Full	3	1	0	-	-	-	-	4	-	-	-			
	HS8.102	Intro to Human Sciences	Full	3	1	0	-	-	-	-	-	4	-	-			
	OC1.104	Sports-4	Full	0	0	2	1	-	-	-	-	-	-	-			
	<b>Sub Total</b>			23	8	2	3	8	6	0	4	4	0	0			
<b>Total</b>												25					
<b>Monsoon</b>												-	-	-			
III-I	Bouquet Course – 1	Full	3	1	0	-	-	4	-	-	-	-	-	-			
	Science Elective – 1	Full	3	1	0	-	-	-	-	4	-	-	-	-			
	HS Elective-1	Full	3	1	0	-	-	-	-	-	4	-	-	-			
	Open Elective-1	Full	3	1	0	-	-	-	-	-	-	4	-	-			
	<b>Sub Total</b>			12	4	0	0	0	4	0	4	4	4	0			
	<b>Total</b>												16				
<b>Spring</b>												-	-	-			
III-II	CS9.301/CS9.303	BTP-1 / Honours-2	Full	0	2	6	-	-	-	-	-	-	-	2			
	Bouquet Course – 2	Full	3	1	0	-	-	4	-	-	-	-	-	-			
	Bouquet Course – 3	Full	3	1	0	-	-	4	-	-	-	-	-	-			
	HS Elective-2	Full	3	1	0	-	-	-	-	-	-	4	-	-			

