

II-I	Monsoon												
	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	-	-	-	-	-	-
	Sub Total		19	6	4	1	15	0	4	4	0	0	
	Total												24
II-II	Spring												
	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	-	-	-	-	-	-
OC3.102	Value Education-2	Full	2	1	0	2	-	-	-	-	-	-	
	Sub Total		23	8	2	3	8	6	0	4	4	0	
	Total												25
III-I	Monsoon												
		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
	Sub Total		12	4	0	0	0	4	0	4	4	4	
	Total												16
III-II	Spring												
	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	-
		Open Elective-2	Full	3	1	0	-	-	-	-	-	-	4
	Sub Total		12	6	6	0	0	8	0	0	4	4	
	Total												18
IV-I	Monsoon												
	CS9.401/CS9.402	BTP-2 / Honours-3	Full	0	2	6	-	-	-	-	-	-	2
		Open Elective-3	Full	3	1	0	-	-	-	-	-	-	4
		Bouquet Course – 4	Full	3	1	0	-	-	4	-	-	-	-
		Open Elective-4	Full	3	1	0	-	-	-	-	-	-	4
		Ethics-1	Half	3	1	0	-	-	-	-	-	2	-
	Sub Total		12	6	6	0	0	4	0	0	2	8	
	Total												16

		Spring											
IV-II	Bouquet Course – 5	Full	3	1	0	-	-	4	-	-	-	-	-
	HS Elective-3	Full	3	1	0	-	-	-	-	-	4	-	-
	Open Elective-5	Full	3	1	0	-	-	-	-	-	-	4	-
	Ethics-2	Half	3	1	0	-	-	-	-	-	2	-	-
	Science Elective –2	Full	3	1	0	-	-	-	-	4	-	-	-
	Sub Total			15	5	0	0	0	4	0	4	6	4
Total													18

Category	Credits	%
Institute Core	12	8
Programme Core	47	29
Foundation Elective	6	16
Bouquet Electives	20	
Maths-Core only	16	10
Science Core(8) + Electives (8)	16	10
Humanities Core(8) + Electives (12)	20	13
Open Electives	20	13
BTP	4	3
Total	161	100

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