

Year & Sem	Course Code	Course Name	Full/Half Sem	Lectures-L, Tutorial-T, Practical-P			Credits earned							
				Hours per week			Ins Core	Prog Core	Prog Elec	Maths	Scienc e	Hum	Open Elec	Hons
				L	T	P								
I-I	Monsoon													
	MA1.101	Discrete Structures	Full	3	1	0	-	-	-	4	-	-	-	-
	CS0.101	Computer Programming	Full	3	1	3	-	5	-		-	-	-	-
	MA2.101	Real Analysis	Full	3	1	0	-	-	-	4	-	-	-	-
	EC2.101	Digital Systems and Microcontrollers	Full	3	1	3	-	5	-	-	-	-	-	-
	OC1.101	Arts-1	Full	0	2	2	2	-	-	-	-	-	-	-
	OC2.101	Sports-1	Full	0	0	2	1	-	-	-	-	-	-	-
	OC3.101	Value Education-1	Full	2	1	0	2	-	-	-	-	-	-	-
		Sub Total		14	7	10	5	10	0	8	0	0	0	0
	Total	23												
I-II	Spring													
	MA3.101	Linear Algebra	Full	3	1	0	-	-	-	4	-	-	-	-
		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	Full	1	0	3	-	2	-	-	-	-	-	-
	CS2.201	Computer Systems Organization	Full	3	1	0	-	4	-	-	-	-	-	-
	OC2.102	Sports-2	Full	0	0	2	1	-	-	-	-	-	-	-
	OC1.102	Arts-2	Full	0	2	2	2	-	-	-	-	-	-	-
		Sub Total		12	5	13	3	14	0	4	0	0	0	0
	Total	21												
II-I	Monsoon													
	MA4.101	Probability and Statistics	Full	3	1	0	-	-	-	4	-	-	-	-
	CS6.301	Design and Analysis of Software Systems	Full	3	1	0	-	4	-	-	-	-	-	-
	CS1.301	Algorithm Analysis and Design	Full	3	1	0	-	4	-	-	-	-	-	-
	CS3.301	Computer Systems Engineering - 1	Full	3	1	0	-	4	-	-	-	-	-	-
		Science -1	Full	3	1	0	-	-	-	-	4	-	-	-
		Embedded Systems Workshop	Half	1	0	2	-	2	-	-	-	-	-	-
	OC2.103	Sports-3	Full	0	0	2	1	-	-	-	-	-	-	-
		Sub Total		16	5	4	1	14	0	4	4	0	0	0
	Total	23												

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				Hours per week			Ins Core	Prog Core	Prog Elec	Maths	Scienc e	Hum	Open Elec	Hons
				L	T	P								
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	-	-	-	-	-
	CS4.301	Introduction to Databases	Half 2	3	1	0	-	2	-	-	-	-	-	-
	CS1.302	Automata Theory	Half 1	3	1	0	-	2	-	-	-	-	-	-
	CS7.301	Machine, Data and Learning	Full	3	1	0	-	4	-	-	-	-	-	-
		Science 2	Full	3	1	0	-	-	-	-	4	-	-	-
		Intro to Human Sciences	Full	3	1	0	-	-	-	-	-	4	-	-
	OC2.104	Sports-4	Full	0	0	2	1	-	-	-	-	-	-	-
	OC3.102	Value Education-2	Full	2	1	0	2	-	-	-	-	-	-	-
		<b>Sub Total</b>		26	9	2	3	8	6	0	4	4	0	0
		<b>Total</b>		<b>25</b>										
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	-
		<b>Sub Total</b>		12	4	0	0	0	4	0	4	4	4	0
		<b>Total</b>		<b>16</b>										
III-II	Spring													
		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	-
		<b>Sub Total</b>		12	6	6	0	0	8	0	0	4	4	2
		<b>Total</b>		<b>18</b>										

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				Hours per week			Ins Core	Prog Core	Prog Elec	Maths	Scienc e	Hum	Open Elec	Hons
				L	T	P								
IV-I	Monsoon													
		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	2
		Total		16										
IV-II	Spring													
		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	0
		Total		18										

	<b>Total</b>	<b>%</b>
Institute Core	12	8
Programme Core	46	29
Programme Electives	26	16
Maths	16	10
Science	16	10
Humanities	20	13
Open Electives	20	13
BTP	4	3
<b>Total</b>	<b>160</b>	<b>100</b>