

Year & Sem	Course Code	Course Name	Full/Half Sem	Lectures-L, Tutorial-T, Practical-P			Credits earned							
				L	T	P	Ins Core	Prog Core	Prog Elec	Maths	Scienc e	Hum	Open Elec	Hons
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

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								
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	-	-	-	-	-	-	-
		Sub Total		26	9	2	3	8	6	0	4	4	0	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	-
		Stream Elective-1	Full	3	1	0	-	-	4	-	-	-	-	-
		Honours-1	Full	0	2	6	-	-	-	-	-	-	-	2
		Sub Total		15	7	6	0	0	8	0	4	4	4	2
	Total		22											
III-II	Spring													
		Stream Elective-2	Full	3	1	0	-	-	4	-	-	-	-	-
		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	-
		Honours-2	Full	0	2	6	-	-	-	-	-	-	-	2
		Sub Total		15	7	6	0	0	12	0	0	4	4	2
	Total		22											

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	Science	Hum	Open Elec	Hons
IV-I	Monsoon													
		Stream Elective-3	Full	3	1	0	-	-	4	-	-	-	-	-
		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	-	-
		Honours-3	Full	0	2	6	-	-	-	-	-	-	-	2
		Sub Total		15	7	6	0	0	8	0	0	2	8	2
		Total		20										
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	-	-	-
		Honours-4	Full	0	2	6	-	-	-	-	-	-	-	2
		Sub Total		15	7	6	0	0	4	0	4	6	4	2
		Total		20										
V-I	Monsoon													
		Thesis					-	12	-	-	-	-	-	-
		Institute Seminar - 1					1	-	-	-	-	-	-	-
		Sub Total					1	12	0	0	0	0	0	0
	Total		12											
V-II	Spring													
		Thesis					-	12	-	-	-	-	-	-
		Institute Seminar - 2					1	-	-	-	-	-	-	-
		Sub Total					1	12	0	0	0	0	0	0
	Total		12											

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	Scienc e	Hum	Open Elec	Hons

	Total	%
Institute Core	12	7
Programme Core	46	26
Programme Electives	38	22
Maths	16	9
Science	16	9
Humanities	20	11
Open Electives	20	11
Honours	8	5
Total	176	100