Semester wise Plan (Subject to minor changes)

Year & Sem	Course Code	Course Name	Full/Half Sem	L	T	P	Ins Core	Prog Core	Prog Elec	CS Elec	Maths	Science	Open Elec	Hons
I-I							**Monsoon**							
	MA5.101	Discrete Structures	Full	3	1	0	-	-	-	-	4	-	-	-
	HS8.101	Making of the Contemporary World	Full	3	1	0	-	4	-	-	-	-	-	-
	CS0.101	Computer Programming	Full	3	1	3	-	5	-	-	-	-	-	-
	EC2.101	Digital Systems and Microcontroller	Full	3	1	3	-	5	-	-	-	-	-	-
	HS7.101	Human Sciences Lab-1	Half	3	1	0	-	2	-	-	-	-	-	-
	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	-	-	-	-	-	-	-
		Sub Total		17	8	10	5	16	0	0	4	0	0	0
		Total												25
I-II							**Spring**							
	MA2.101	Linear Algebra	Full	3	1	0	-	-	-	-	4	-	-	-
	HS4.102	Making of Contemporary India	Full	3	1	0	-	4	-	-	-	-	-	-
	HS0.201	Thinking & Knowing in the Human Sciences - I	Full	3	1	0	-	4	-	-	-	-	-	-
	CS1.201	Data Structures and Algorithms	Full	3	1	3	-	5	-	-	-	-	-	-
	CS6.201	Introduction to Software Systems	Half	1	0	3	-	2	-	-	-	-	-	-
	OC1.102	Sports-2	Full	0	0	2	1	-	-	-	-	-	-	-
	OC2.102	Arts-2	Full	0	2	2	2	-	-	-	-	-	-	-
		Sub Total		13	6	10	3	15	0	0	4	0	0	0
		Total												22
II-I							**Monsoon**							
	MA6.101	Probability and Statistics	Full	3	1	0	-	-	-	-	4	-	-	-
	HS0.202	Thinking and Knowing in the Human Sciences - II	Full	3	1	0	-	4	-	-	-	-	-	-
	HS0.301	Classical Text Readings - I	Full	3	1	0	-	4	-	-	-	-	-	-
	CS1.301	Algorithm Analysis and Design	Full	3	1	0	-	4	-	-	-	-	-	-
	CS4.301	Data and Applications	Half	3	1	0	-	2	-	-	-	-	-	-
	CS1.302	Automata Theory	Half	3	1	0	-	2	-	-	-	-	-	-
	OC1.103	Sports-3	Full	0	0	2	1	-	-	-	-	-	-	-
		Sub Total		18	6	2	1	16	0	0	4	0	0	0
		Total												21
II-II							**Spring**							
	CS2.201	Computer Systems Organization	Full	3	1	0	-	4	-	-	-	-	-	-
	HS0.302	Research Methods in Human Sciences	Full	3	1	0	-	4	-	-	-	-	-	-
	HS7.301	Science Technology Society	Full	3	1	0	-	4	-	-	-	-	-	-
		Human Sciences Elective - 1	Full	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	-	-	-	-	-	-
	OC1.104	Sports-4	Full	0	0	2	1	-	-	-	-	-	-	-
	OC3.102	Value Education-2	Full	2	1	0	2	-	-	-	-	-	-	-
		Sub Total		20	7	2	3	20	2	0	0	0	0	0
		Total												25
III-I							**Monsoon**							
	HS9.302	Honours-1	Full	0	2	6	-	-	-	-	-	-	-	2
	CS2.201	Operating Systems and Networks	Full	3	1	0	-	4	-	-	-	-	-	-
	HS0.303	Applied Ethics	Full	3	1	0	-	4	-	-	-	-	-	-
		CS Elective-1	Full	3	1	0	-	-	-	4	-	-	-	-
	SC1.110	Science -1	Full	3	1	0	-	-	-	-	-	4	-	-
		Human Sciences Elective - 2	Full	3	1	0	-	-	4	-	-	-	-	-
		Sub Total		15	7	6	-	8	4	4	0	4	0	2
		Total												22

Sem	Code	Course	Full/Half	L	T	P								
III-II		**Spring**												
	HS9.303	Honours-2	Full	0	2	6	-	-	-	-	-	-	-	2
		CS Elective-2	Full	3	1	0	-	-	-	4	-	-	-	-
		CS Elective-3	Full	3	1	0	-	-	-	4	-	-	-	-
		Open Elective-1	Full	3	1	0	-	-	-	-	-	-	4	-
	SC1.111	Science-2	Full	3	1	0	-	-	-	-	-	4	-	-
		Human Sciences Elective - 3	Full	3	1	0	-	-	4	-	-	-	-	-
		Sub Total		15	7	6	-	0	4	8	0	4	4	2
		Total												**22**
IV-I		**Monsoon**												
	HS9.402	Honours-3	Full	0	2	6	-	-	-	-	-	-	-	2
		Human Sciences Elective - 4	Full	3	1	0	-	-	4	-	-	-	-	-
		Human Sciences Elective - 5	Full	3	1	0	-	-	4	-	-	-	-	-
		Maths Elective	Half	3	1	0	-	-	-	-	4	-	-	-
		CS Elective-4	Full	3	1	0	-	-	-	4	-	-	-	-
		Open Elective-3	Full	3	1	0	-	-	-	-	-	-	4	-
		Sub Total		15	7	6	-	0	8	4	4	0	4	2
		Total												**22**
IV-II		**Spring**												
	HS9.403	Honours-4	Full	0	2	6	-	-	-	-	-	-	-	2
		Human Sciences Elective - 6	Half	3	1	0	-	-	4	-	-	-	-	-
		Classical Text Readings – II	Full	3	1	0	-	4	-	-	-	-	-	-
		CS Elective-5	Full	3	1	0	-	-	-	4	-	-	-	-
		Open Elective – 4	Full	3	1	0	-	-	-	-	-	-	4	-
		Sub Total		12	6	6	-	4	4	4	0	0	4	2
		Total												**18**
V-I		**Monsoon**												
	HS9.605	Thesis	Full				-	12	-	-	-		-	-
	OC9.600	Institute Seminar-1	Full				1	-	-		-	-	-	-
		Sub Total					1	12	0	0	0	0	0	0
		Total												**12**
V-II		**Spring**												
	HS9.605	Thesis	Full				-	12			-		-	-
	OC9.600	Institute Seminar-2	Full				1	-	-		-	-	-	-
		Sub Total					1	12	0	0	0	0	0	0
		Total												**12**

Category	Credits	%
Institute Core	12	7
CS Core	41	23
Domain (HS) Core	38	21
Programme Electives	22	12
CS Elective	20	11
Maths	16	9
Science	8	5
Open Electives	12	7
Honours	8	5
Total	**177**	**100**