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All-years | Year 1 | Year 2 | Year 3 | Year 4

Sem 1	Code	Credits	Segment	Sem 2	Code	Credits	Segment
Calculus 1	MA1110	1		Basic Elecrical Engineer	EE1xxx	3	
Calculus 2	MA1220	1		Digital Fabrication	ID1054	2	
Modern Physics		2		Physics Lab		2	
Environmental Chemistry	CY1017	2		Life Sciences (BO)	BT1010	1	
Intro to Programming	ID1063	3	16	Software Development F	CS1023	3	16
English Communication		2		LA/CA		1	
Discrete Maths	CS1010	3	16	Probability & Random variables (AI)	AI1102	3	
Intro to Computing	CS1000	1	36	Introduction to AI		1	
Total		15		Total		16	

Sem 3	Code	Credits	Segment	Sem 4	Code	Credits	Segment
Data Structures	CS2233?	5	16	Theory of Computation	CS2030	3	16
C. Architecture	CS2323	2	36	Operating Systems 2	CS3523	3	14
Operating Systems 1	CS3510	1	56	Algorithms	CS2443	3	16
Transform Techniques		1		Compilers 1	CS3320	1	56
Linear Algebra	MA4020	3		Intro to Statistics	MA2140	1	
Digital Circuits		3	56	LA/CA		1	
DBMS-1	CS3550	1	56	DBMS-2	CS3563	3	14
				Intro to Entrepreneurship		1	
Total		16		Total		16	

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All-years   Year 1   Year 2   Year 3   Year 4

Data Structures & Applications	ID2230	3	Non-CSE				

Sem 5	Code	Credits	Segment	Sem 6	Code	Credits	Segment
Computer Networks	CS3530	4	16	SWE	CS4443	3	16
Compilers-2	CS3423	3	14	Dept Electives		9	
Foundations-ML	CS3390	3	16	LA/CA	LAxxxx	1	
LA/CA	LAxxxx	2		Free Electives		3	
Personality Development		1					
Free Electives		3					
Total		16		Total		16	

Sem 7	Code	Credits	Segment	Sem 8	Code	Credits	Segment
Dept Electives		12					
Free Electives		1		Dept Electives		9	
LA/CA	LAxxxx	2		Free Electives		6	
				LA/CA	LAxxxx	1	
Total		15		Total		16	

Total credits over 4 years	126

	Institute Range	CSE
Basic Sciences	14-15	**14**
Basic Engg	14-15	**15**

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All-years Year 1   Year 2   Year 3   Year 4

LA/CA	LAxxxx	2		Free Electives		3	
Personality Development		1					
Free Electives		3					
Total		16		Total		16	
Sem 7	**Code**	**Credits**	**Segment**	**Sem 8**	**Code**	**Credits**	**Segment**
Dept Electives		12					
Free Electives		1		Dept Electives		9	
LA/CA	LAxxxx	2		Free Electives		6	
				LA/CA	LAxxxx	1	
Total		15		Total		16	

Total credits over 4 years	126

	Institute Range	CSE
Basic Sciences	14-15	**14**
Basic Engg	14-15	**15**
Dept Core	~40	**42**
Dept Electives	30	**30**
Free Electives	12-13	**13**
Life Skills	4	**4**
LA/CA	8-9	**8**
Total		**126**