Sl.no	Group	Name Of Subject	L	T	P	Total credits
		I B.Tech(IT)		**I Semester**		
	Group	Name Of Subject		Credits		Total credits
			L	T	P	
1	BSC	Linear Algebra and Differential Calculus	3	1	0	4
2	BSC	Chemistry	3	1	0	4
3	ESC	Basic Electrical Engineering	3	0	0	3
4	HSMC	English	2	0	0	2
5	BSC	Engineering Chemistry Lab	0	0	3	1.5
6	ESC	Basic Electrical Engineering Lab	0	0	2	1
7	HSMC	English Language and Communication Skills Lab	0	0	2	1
8	ESC	Engineering Workshop	1	0	3	2.5
9		Induction Programme				-
		Total	12	2	10	19

Sl.no	Group	Name Of Subject	L	T	P	Total credits
		I B.Tech(IT)		**II Semester**		
	Group	Name Of Subject		Credits		Total credits
			L	T	P	
1	BSC	Differential Equations and Vector Calculus	3	1	0	4
2	BSC	Applied Physics	3	1	0	4
3	ESC	Programming for Problem Solving	3	1	0	4
4	BSC	Applied Physics Lab	0	0	3	1.5
5	ESC	Programming for Problem Solving Lab	0	0	3	1.5
6	ESC	Engineering Graphics	1	0	4	3
		Total	10	3	10	18

Sl.no	Group	Name Of Subject	L	T	P	Total credits
		II B.Tech(IT)		**I Semester**		
	Group	Name Of Subject		Credits		Total credits
			L	T	P	
1	ESC	Digital Logic Design	3	0	0	3
2	PCC	Data Structures	3	0	0	3
3	ESC	Probability & Statistics	3	0	0	3
4	PCC	Database Management Systems	3	0	0	3
5	PCC	Descrete Mathematics	3	1	0	4
6	HSMC	Value Ethics & Gender culture	0	0	0	0
7	ESC	Digital Logic Design Lab	0	0	3	1.5
8	PCC	Data Structures Lab	0	0	3	1.5
9	PCC	Database Management Systems Lab	0	0	3	1.5
		Total	15	1	9	20.5

Sl.no	Group	Name Of Subject	L	T	P	Total credits
		II B.Tech(IT)		**II Semester**		
	Group	Name Of Subject		Credits		Total credits
			L	T	P	
1	PCC	Java Programming	3	0	0	3
2	PCC	Compter Organization	3	0	0	3
3	HSMC	Economics & Accounting for Engineers	3	0	0	3
4	PCC	Data Communication & Computer Networks	3	1	0	4
5	PCC	Operating systems	3	0	0	3
6	MC	Envoronmental Science	3	0	0	0
7	PCC	Java Programming Lab	0	0	3	1.5
8	PCC	Operating systems and Sci Lab	0	0	4	2

Sl.no	Group	Name Of Subject	L	T	P	Total credits
9	PCC	Data Communication & Computer Networks Lab	0	0	4	2
		Total	18	1	11	21.5

III B.Tech(IT)   **I Semester**

Sl.no	Group	Name Of Subject	L	T	P	Total credits
1	PCC	Object Oriented Software Engineering	3	0	0	3
2	PCC	Formal Languages & Automata Theory	3	0	0	3
3	PCC	Web Programming	3	0	0	3
4	PCC	Design and Analysis of Algorithms	3	0	0	3
5	MC	Constitution of India	3	0	0	0
6	Professional Elective 1		3	0	0	3
	PE					
7	PC	Object Oriented Software Engineering Lab	0	0	3	1.5
8	PC	Web Programming Lab	0	0	3	1.5
9	PC	Animations Lab	0	0	2	1
		Total	18	0	8	19

III B.Tech(IT)   **II Semester**

Sl.no	Group	Name Of Subject	L	T	P	Total credits
1	PC	Compiler Design	3	0	0	3
2	HSMC	Fundamentals of Management & Enterpreneurship	3	0	0	3
3	PC	Datawarehousing and Data Mining	3	0	0	3
4	PC	Information Security	3	0	0	3
5	Open Elective 1		3	0	0	3
	OE					
6	Professional Elective 2		3	0	0	3
	PE					
7	PC	Compiler Design Lab	0	0	2	1
8	PC	Datawarehousing and Data Mining Lab	0	0	2	1
9	Proj	Mini Project with Seminar	0	0	6	3
10	Proj	Summer Internship	-	-	-	-
		Total	18	0	10	23

IV B.Tech(IT)   **I Semester**

Sl.no	Group	Name Of Subject	L	T	P	Total credits
1	PC	Machine Learning	3	0	0	3
2	PC	Internet of Things	3	0	0	3
3	Open Elective 2		3	0	0	3
4	Professional Elective 3		3	0	0	3
	PE					

Sl.no	Group	Name Of Subject	L	T	P	Total credits
5		Professional Elective 4	3	0	0	3
	PE					
6	PC	Machine Learning Lab	0	0	3	1.5
7	PC	Internet of Things Lab	0	0	3	1.5
9	PROJ	Project Lab	0	0	12	6
		Total	15	0	18	24

IV B.Tech(IT)						II Semester
Sl.no	Group	Name Of Subject	Credits			Total credits
			L	T	P	
1		Open Elective 3	3	0	0	3
	OE					
2		Professional Elective 5	3	0	0	3
	PE					
3		Professional Elective 6	3	0	0	3
	PE					
4	PROJ	Project Lab	0	0	12	6
		Total	9	0	12	15

	Semester	Credits	Year wise
I	I	19	
	II	18	37
II	III	20.5	
	IV	21.5	42
III	V	19	
	VI	23	42
IV	VII	24	
	VIII	15	39
			160

	Systems and Software Architecture	Programming	Data Science and Machine Learning	Applications and Networking
Professional Elective 1(III-I)	Advanced Compter Architecture	Principles of Programming Languages	Data Science	Computer Graphics
Professional Elective (III-II)	Advanced Operating Systems	Python and R Programming	Artificial Intelligence	Image and video Processing
Professional Elective 3 (IV-I)	Software Testing Methodologies	Advanced Computer Networks	Information Retrieval Systems	Adhoc Sensor Network

Professional Elective 4 (IV-I)	Distributed Systems	Scripting Languages	Soft Computing	Cryptography and Network Security
Professional Elective 5 (IV-II)	Embedded Systems	Essentials of Big Data Programming	Neural Networks and Deep Learning	Cloud Computing

Professional Elective 6 (IV-II)	Software Project Management	Middleware Technologies	Speech and Natural Language Processing	Storage Area Networks

Open Elective - I (III-II)	Operating Systems
Open Elective - II (IV - I)	Web Design and Programming
Open Elective - II (IV-II)	Multimedia Application Development

S. No.	THREAD 1	THREAD 2
1	Soft Skills and Interperson	CSE: E-Commerce / Database
2	Human Resource Developmen	IT: Multimedia and Application
3	Cyber Law and Ethics	EEE: Embedded Systems

4	History of Science	ECE: Principles of Satellite Communications / Scientific Computing / Wavelets
5	Introduction to Art and Aesthetics	ME: Operations Research

6	Economic Policies in India	CE: Green Building Technology / Building Materials and Construction Planning / Introduction to Fluid Mechanics

S.NO.	Course Codes	COURSE	L	T	P
1		Linear Algebra and Differential Calculus	3	1	0
2		Chemistry	3	1	0
3		Basic Electrical Engineering	3	0	0
4		English	2	0	0
5		Engineering Chemistry Lab	0	0	3
6		Basic Electrical Engineering Lab	0	0	2
7		English Language and Communication Skills Lab	0	0	2
8		Engineering Workshop	1	0	3
		Induction Programme			
		Total Credits	12	2	10

S.NO.	Course Code	COURSE	L	T	P
1		Differential Equations and Vector Calculus	3	1	0
2		Applied Physics	3	1	0
3		Programming for Problem Solving	3	1	0
4		Applied Physics Lab	0	0	3
5		Programming for Problem Solving Lab	0	0	3
6		Engineering Graphics	1	0	4
7		Environmental Science	3	0	0
		Total Credits	13	3	10

Total Credits
4
4
3
2
1.5
1
1
2.5
-
19

Total Credits
4
4
4
1.5
1.5
3
0
18