



B.Tech CS Engineering Course

Syllabus

SEMESTER – III				
S. No.	Course Name	L-T-P	Cr.	
1	Data Structures & Algorithms	3-1-0	4	ECE+CSE
2	Discrete Mathematical Structures	3-0-0	3	CSE
3	Object Oriented Programming	3-1-0	4	
4	Digital Electronics	3-0-0	4	
5	Mathematics-III	3-1-0	4	ALL
6	Engineering Economics & Industrial Management	3-0-0	3	
7	Data Structures & Algorithms Lab	0-0-2	1	ECE+CSE
8	Object Oriented Programming Lab	0-0-2	1	ECE+CSE
9	Digital electronics Lab	0-0-2	1	ECE+CSE
	TOTAL	18-3-6	24	

SEMESTER – IV

S. No.	Course Name	L-T-P	Cr.	
1	Operating Systems	3-0-0	3	CSE
2	computer Architecture & organization	3-0-0	3	ECE+CSE
3	Data Base Management System	3-0-0	3	ECE+CSE
4	Java Progrmning	3-1-0	4	CSE
5	Design & Analysis of Algorithms	3-1-0	4	CSE
6	Operating Systems Lab	0-0-2	1	CSE
7	Data Base Management System Lab	0-0-2	1	ECE+CSE
8	Java Programming Lab	0-0-2	1	CSE
	TOTAL	15-2-6	20	

SEMESTER – V

S. No.	Course Name	L-T-P	Cr.
1	Microprocessors & Microcontroller	3-0-0	3
2	Computer Network	3-0-0	3
3	Artificial Intilligence	3-0-0	3
4	Python Programming	3-0-0	3
5	Software Engineering	3-0-0	3

6	Formal Language & Automata Theory	0-0-2	4
7	Microprocessors & Microcontroller Lab	0-0-2	1
8	Artificial Intelligence Lab	0-0-2	1
9	Software Engineering Lab	0-0-2	1
10	Python Programming Lab	0-0-2	1
	TOTAL	18-1-8	23

SEMESTER – VI			
S. No.	Course Name	L-T-P	Cr.
1	Soft Computing Techniques	3-0-0	3
2	Data Mining & Predictive Modeling	3-0-0	3
3	Elective – 1	3-0-0	3
4	Elective – 2	3-0-0	3
5	Elective – 3	3-0-0	3
6	Introduction to Machine Learning	3-0-0	3
7	Soft Computing Lab	0-0-2	1
8	Data Mining Lab	0-0-2	1
9	Machine Learning Lab	0-0-2	1
10	Minor Project – I	0-0-4	2

	TOTAL	18-0-10	23
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SEMESTER – VII			
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S. No.	Course Name	L-T-P	Cr.
1	Deep Learning	3-0-0	3
2	Open Elective – I	3-0-0	3
3	Elective – IV	3-0-0	3
4	Elective – V	3-0-0	3
5	Elective – VI	3-0-0	3
6	Elective – IV Lab	0-0-2	1
7	Deep Learning Lab	0-0-2	1
8	Elective – V Lab	0-0-2	1
9	Major Project	0-0-8	4
	TOTAL	15-0-14	22

SEMESTER – VIII			
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S. No.	Course Name	L-T-P	Cr.
1	MOOC Course Swayam – I	0-0-0	3
2	Internship	0-0-32	16
	TOTAL	0-0-32	23

