

B.Tech. Curriculum for Mathematics and Computing

SEMESTER-III

Name of the Subject	Type	Subject Code	L-T-P	Credit	Contact Hour
	HSS 2		3-0-0	3	3
Probability and Statistics	DC 2	MA2L011	3-0-0	3	3
Data Structure	DC 3	CS2L004	3-0-0	3	3
Formal Languages and Automata Theory	DC 4	CS2L003	3-1-0	4	4
Simulation	SDC 3	MA2L013	1-0-3	3	4
Probability and Statistics Lab	DC Lab 2	MA2P011	0-0-3	2	3
Data Structure Lab	DC Lab 3	CS2P002	0-0-3	2	3
Total				20	23

SEMESTER-IV

Name of the Subject	Type	Subject Code	L-T-P	Credit	Contact Hour
	HSS 3		3-0-0	3	3
Design and Analysis of Algorithms	DC 5	CS2L002	3-1-0	4	4
Mathematical Analysis	DC 6	MA2L014	3-1-0	4	4
Financial Risk Management	SDC 4	MA2L012	3-0-0	3	3
Design and Analysis of Algorithms Lab	DC Lab 5	CS2P001	0-0-3	2	3
Financial Risk Management	Lab-6	MA2P012	0-0-3	2	3
Introduction to Algebra and Number Theory	OE 1	MA2L015	3-1-0	4	4
Total				22	24