

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
B.Tech. in COMPUTER SCIENCE AND ENGINEERING (AI & ML)
COURSE STRUCTURE, I YEAR SYLLABUS (R22 Regulations)
Applicable from AY 2022-23 Batch

I YEAR I SEMESTER

S. No.	Course Code	Course	L	T	P	Credits
1.		Matrices and Calculus	3	1	0	4
2.		Engineering Chemistry	3	1	0	4
3.		Programming for Problem Solving	3	0	0	3
4.		Computer Aided Engineering Graphics	1	0	4	3
5.		Basic Electrical Engineering	2	0	0	2
6.		Elements of Computer Science & Engineering	0	0	2	1
7.		Engineering Chemistry Laboratory	0	0	2	1
8.		Programming for Problem Solving Laboratory	0	0	2	1
9.		Basic Electrical Engineering Laboratory	0	0	2	1
10.		Induction Program				
Total			14	3	12	20

I YEAR II SEMESTER

S. No.	Course Code	Course	L	T	P	Credits
1.		Ordinary Differential Equations and Vector Calculus	3	1	0	4
2.		Applied Physics	3	1	0	4
3.		Engineering Workshop	0	1	3	2.5
4.		English for Skill Enhancement	2	0	0	2
5.		Electronic Devices and Circuits	2	0	0	2
6.		Applied Physics Laboratory	0	0	3	1.5
7.		English Language and Communication Skills Laboratory	0	0	2	1
8.		Python Programming Laboratory	0	1	2	2
9.		IT Workshop	0	0	2	1
10.		Environmental Science	3	0	0	0
Total			11	3	12	20

Ch. Sobhan Babu