

B.TECH COURSE STRUCTURE - 2023-24 FIRST YEAR (FIRST SEMESTER)

Sl. No.	CATEGORY	COURSE CODE	Circuit Branch	Non-Circuit Branch	Contact Hrs. L-T-P	Credit	University Marks	Internal Evaluation
Theory								
1	BS	23BS1001	Mathematics - I	Mathematics - I	3-0-0	3	100	50
2	BS	23BS1002 / 23BS1003	Physics	Chemistry	3-0-0	3	100	50
3	ES	23ES1001 / 23ES1002	Basic Electrical Engineering	Basic Electronics	2-0-0	2	100	50
4	ES	23ES1003 / 23ES1004	Programming in C and Data Structure	Engineering Mechanics	3-0-0	3	100	50
5	ES	23ES1005 / 23ES1006	Basic Civil Engineering	Basic Mechanical Engineering	2-0-0	2	100	50
6	HS	23HS1001 / 23HS1002	Universal Human Values	English for Technical Writing	2-0-0	2	100	50
Sessional / Practical								
7	BS	23BS1201 / 23BS1202	Physics Laboratory	Chemistry Laboratory	0-0-3	1.5	-	100
8	ES	23ES1201 / 23ES1202	Basic Electrical Engineering Lab.	Basic Electronics Lab.	0-0-3	1.5	-	100
9	ES	23ES1203 / 23ES1204	Programming Lab.	Communicative English & Report Writing Lab.	0-0-3	1.5	-	100
10	ES	23ES1205 / 23ES1206	Engineering Graphics & Design Lab.	Workshop & Digital Manufacturing Lab.	0-0-3	1.5	-	100
11	MC	23MC1201	Sports / Yoga / NCC / NSS		0-0-2	1	-	100
Total					15-0-14	22	600	800

FIRST YEAR (SECOND SEMESTER)

Sl. No.	CATEGORY	COURSE CODE	Circuit Branch	Non-Circuit Branch	Contact Hrs. L-T-P	Credit	University Marks	Internal Evaluation
Theory								
1	BS	23BS1004	Mathematics - II	Mathematics - II	3-0-0	3	100	50
2	BS	23BS1003 / 23BS1002	Chemistry	Physics	3-0-0	3	100	50
3	ES	23ES1002 / 23ES1001	Basic Electronics	Basic Electrical Engineering	2-0-0	2	100	50
4	ES	23ES1004 / 23ES1003	Engineering Mechanics	Programming in C and Data Structure	3-0-0	3	100	50
5	ES	23ES1006 / 23ES1005	Basic Mechanical Engineering	Basic Civil Engineering	2-0-0	2	100	50
6	HS	23HS1002 / 23HS1001	English for Technical Writing	Universal Human Values	2-0-0	2	100	50
Sessional / Practical								
7	BS	23BS1202 / 23BS1201	Chemistry Laboratory	Physics Laboratory	0-0-3	1.5	-	100
8	ES	23ES1202 / 23ES1201	Basic Electronics Lab.	Basic Electrical Engineering Lab.	0-0-3	1.5	-	100
9	ES	23ES1204 / 23ES1203	Communicative English & Report Writing Lab.	Programming Lab.	0-0-3	1.5	-	100
10	ES	23ES1206 / 23ES1205	Workshop & Digital Manufacturing Lab.	Engineering Graphics & Design Lab.	0-0-3	1.5	-	100
11	MC	23MC1202	Sports / Yoga / NCC / NSS		0-0-2	1	-	100
Total					15-0-14	22	600	800