

Course Structure for CSE (Academic Year 2020-21)

Semester I

Sr. No.	Course code	Category	Subject	L	T	P	Credits	Scheme of Examination		Total Marks
								CA	FE	
1	18BTMT101	BSC	Linear Algebra and Calculus (T)	3	1	0	4	40	60	100
2	20BTPY002	BSC	Engineering Physics (T)	3	0	0	3	40	60	100
3	20BTEC005	ESC	Basics of Electrical and Electronics Engineering(T)	3	0	0	3	40	60	100
4	18BTME011	ESC	Engineering Graphics	1	0	4	3	50	50	100
5	20BTEG104	HSM	English Communication for Engineers	2	0	0	2	50	--	50
6	20BTPY012	BSC	Physics Laboratory	0	0	2	1	40	60^	100
7	18BTEC015	ESC	Basics of Electrical and Electronics Engineering Lab	0	0	2	1	40	60^	100
8	20BTEG114	HSM	English Communication for Engineers Laboratory	0	0	2	1	50	--	50
Total				12	1	10	18			700

Semester II:

Sr. No.	Course code	Category	Subject	L	T	P	Credits	Scheme of Examination		Total Marks
								CA	FE	
1	18BTMT201	BSC	Ordinary Differential Equations and Advanced Calculus(T)	3	1	0	4	40	60	100
2	20BTCH003	BSC	Engineering Chemistry(T)	3	0	0	3	40	60	100
3	18BTCS006	ESC	Programming for Problem Solving(T)	2	0	0	2	40	60	100
4	18BT(branch code)202	DCC	Branch Specific*(T)	3	0	0	3	40	60	100
5	20BTCH013	BSC	Chemistry Laboratory	0	0	2	1	40	60^	100
6	18BTCS016	ESC	Programming Lab	0	0	4	2	40	60^	100
7	18BTME017	ESC	Engineering Workshop	0	0	4	2	50	--	50
8	18BT(branch code)212	DCC	Branch Specific Lab*	0	0	2	1	40	60^	100
Total				11	1	12	18			750

Branch Specific*: (Computer Science and Engineering): Digital Electronics and Logic Design.

Course Structure for ECE and IT (Academic Year 2020-21)

Semester I

Sr. No.	Course code	Category	Subject	L	T	P	Credits	Scheme of Examination		Total Marks
								CA	FE	
1	18BTMT101	BSC	Linear Algebra and Calculus (T)	3	1	0	4	40	60	100
2	20BTCH003	BSC	Engineering Chemistry(T)	3	0	0	3	40	60	100
3	20BTEC005	ESC	Basics of Electrical and Electronics Engineering(T)	3	0	0	3	40	60	100
4	18BTME011	ESC	Engineering Graphics	1	0	4	3	50	50	100
5	20BTEG104	HSM	English Communication for Engineers	2	0	0	2	50	--	50
6	20BTCH013	BSC	Chemistry Laboratory	0	0	2	1	40	60^	100
7	18BTEC015	ESC	Basics of Electrical and Electronics Engineering Lab	0	0	2	1	40	60^	100
8	20BTEG114	HSM	English Communication for Engineers Laboratory	0	0	2	1	50	--	50
Total				12	1	10	18			700

Semester II:

Sr. No.	Course code	Category	Subject	L	T	P	Credits	Scheme of Examination		Total Marks
								CA	FE	
1	18BTMT201	BSC	Ordinary Differential Equations and Advanced Calculus(T)	3	1	0	4	40	60	100
2	20BTPY002	BSC	Engineering Physics (T)	3	0	0	3	40	60	100
3	18BTCS006	ESC	Programming for Problem Solving(T)	2	0	0	2	40	60	100
4	18BT(branch code)202	DCC	Branch Specific*(T)	3	0	0	3	40	60	100
5	20BTPY012	BSC	Physics Laboratory	0	0	2	1	40	60^	100
6	18BTCS016	ESC	Programming Lab	0	0	4	2	40	60^	100
7	18BTME017	ESC	Engineering Workshop	0	0	4	2	50	--	50
8	18BT(branch code)212	DCC	Branch Specific Lab*	0	0	2	1	40	60^	100
Total				11	1	12	18			750

Branch Specific*: (Electronics and Communication Engineering): Electronics Device and Circuit,
(Information Technology): Digital Electronics and Microprocessor

Course Structure for Mechanical and Civil Engineering (Academic Year 2020-21)

Semester I:

Sr. No.	Course Code	Category	Subject	L	T	P	Credits	Scheme of Examination		Total Marks
								CA	FE	
1	18BTMT101	BSC	Linear Algebra and Calculus (T)	3	1	0	4	40	60	100
2	20BTCH003	BSC	Engineering Chemistry (T)	3	0	0	3	40	60	100
3	18BTCS006	ESC	Programming for Problem Solving (T)	2	0	0	2	40	60	100
4	20BTEG104	HSM	English Communication for Engineers	2	0	0	2	50	--	50
5	20BTCH013	BSC	Chemistry Laboratory	0	0	2	1	40	60^	100
6	18BTCS016	ESC	Programming Lab	0	0	4	2	40	60^	100
7	20BTEG114	HSM	English Communication for Engineers Laboratory	0	0	2	1	50	--	50
8	18BTME011	ESC	Engineering Graphics	1	0	4	3	50	50	100
			Total	11	1	12	18			650

Semester II:

Sr. No.	Course Code	Category	Subject	L	T	P	Credit	Scheme of Examination		Total Marks
								CA	FE	
1	18BTMT201	BSC	Ordinary Differential Equations and Advanced Calculus (T)	3	1	0	4	40	60	100
2	20BTPY002	BSC	Engineering Physics (T)	3	0	0	3	40	60	100
3	20BTEC005	ESC	Basics of Electrical and Electronics Engineering (T)	3	0	0	3	40	60	100
4	18BTME017	ESC	Engineering Workshop	0	0	4	2	50	--	50
5	18BT(branch code)202	DCC	Branch Specific*(T)	3	0	0	3	40	60	100
6	20BTPY012	BSC	Physics Laboratory	0	0	2	1	40	60^	100
7	18BTEC015	ESC	Basics of Electrical and Electronics Engineering Lab	0	0	2	1	40	60^	100
8	18BT(branch code)212	DCC	Branch Specific Lab*	0	0	2	1	40	60^	100
			Total	12	1	10	18			800

Branch Specific* (Mechanical Engineering): Basics of Mechanical Engineering, (Civil Engineering): Applied Mechanics

Course Structure for Aerospace Engineering (Academic Year 2020-21)

Sr. No.	Course Code	Category	Subject (Semester I)	L	T	P	Credits	Scheme of Examination		Total Marks
								CA	FE	
1	18BTMT101	BSC	Linear Algebra and Calculus (T)	3	1	0	4	40	60	100
2	20BTCH003	BSC	Engineering Chemistry (T)	3	0	0	3	40	60	100
3	18BTCS006	ESC	Programming for Problem Solving(T)	2	0	0	2	40	60	100
4	20BTEG104	HSM	English Communication for Engineers	2	0	0	2	50	--	50
5	20BTCH013	BSC	Chemistry Laboratory	0	0	2	1	40	60^	100
6	18BTCS016	ESC	Programming Lab	0	0	4	2	40	60^	100
7	20BTEG114	HSM	English Communication for Engineers Laboratory	0	0	2	1	50	--	50
8	18BTAE107	DCC	Thermodynamics (T)	2	0	0	2	40	60	100
9	18BTAE251	DCC	Material Engineering and Aerospace Materials#	2	0	0	-	--	--	
Total				14	1	8	17			650

Sr. No.	Course Code	Category	Subject (Semester II)	L	T	P	Credits	Scheme of Examination		Total Marks
								CA	FE	
1	18BTMT201	BSC	Ordinary Differential Equations and Advanced Calculus (T)	3	1	0	4	40	60	100
2	20BTPY002	BSC	Engineering Physics (T)	3	0	0	3	40	60	100
3	20BTEC005	ESC	Basics of Electrical and Electronics Engineering (T)	3	0	0	3	40	60	100
4	18BTME011	ESC	Engineering Graphics	1	0	4	3	50	50	100
5	18BTAE202	DCC	Branch Specific* (T)	3	0	0	3	40	60	100
6	20BTPY012	BSC	Physics Laboratory	0	0	2	1	40	60^	100
7	18BTEC015	ESC	Basics of Electrical and Electronics Engineering Lab	0	0	2	1	40	60^	100
8	18BTAE212	DCC	Branch Specific Lab*	0	0	2	1	40	60^	100
9	18BTAE151	ESC	Workshop Practice#	0	0	4	-	--		
Total				13	1	14	19			800

Audit Course, Branch Specific* (Aerospace Engineering) - Engineering Mechanics