



F. Y. B. TECH. (COMMON TO ALL PROGRAMS) SEMESTER I/II (PATTERN 2020)
MODULE-I

Course Code	Course Title	Course Type	Teaching Scheme			Examination Scheme					Total	Credits
			L	T	P	CIE	ISE	SCE	ESE	PR/OR/TW		
	Basic Science Course	TH	3	1	-	20	30	20	30	25	125	4
	Engineering Science Course	TH	2	-	2	20	30	20	30	25	125	3
	Engineering Science Course	TH	2	-	2	20	30	20	30	25	125	3
	Basic Science Course	TH	2	-	2	20	30	20	30	25	125	3
	Basic Science Course	CE	1	1	-	-	-	-	-	25	25	2
	Engineering Science Course	CE	1	-	4	-	-	-	-	50	50	3
	Basic Science Course	CE	1	1	-	-	-	-	-	25	25	2
	Humanity and Social Science Course	CE	1	1	-	-	-	-	-	25	25	2
M1	Induction Program	AU	-	-	-	-	-	-	-	-	-	-
M2	Foreign Language	AU	-	-	-	-	-	-	-	-	-	-
	Total		13	4	10	80	120	80	120	225	625	22

F. Y. B. TECH. (COMMON TO ALL PROGRAMS) SEMESTER I/II (PATTERN 2020)
MODULE-II

Course Code	Course Title	Course Type	Teaching Scheme			Examination Scheme					Total	Credits
			L	T	P	CIE	ISE	SCE	ESE	PR/OR/TW		
	Basic Science Course	TH	3	1	-	20	30	20	30	25	125	4
	Engineering Science Course	TH	2	-	2	20	30	20	30	25	125	3
	Engineering Science Course	TH	2	-	2	20	30	20	30	25	125	3
	Basic Science Course	TH	2	-	2	20	30	20	30	25	125	3
	Basic Science Course	CE	1	1	-	-	-	-	-	25	25	2
	Engineering Science Course	CE	2	1	-	-	-	-	-	50	50	3
	Humanity and Social Science Course	CE	1	1	-	-	-	-	-	25	25	2
	Humanity and Social Science Course	CE	1	1	-	-	-	-	-	25	25	2
M1	Induction Program	AU	-	-	-	-	-	-	-	-	-	-
M2	Foreign Language	AU	-	-	-	-	-	-	-	-	-	-
	Total		14	5	6	80	120	80	120	225	625	22



S.Y. B. TECH. (COMMON TO ALL PROGRAMS), SEMESTER III (PATTERN 2020)

Course Code	Course Title	Course Type	Teaching Scheme			Examination Scheme					Total	Credits
			L	T	P	CIE	ISE	SCE	ESE	PR/OR/TW		
	Basic Science/ Engineering Science Course	TH	3	1/0	0/2	20	30	20	30	25	125	4
	Basic Science /Professional Core Course	TH	3	1/0	0/2	20	30	20	30	25	125	4
	Engineering Science Course	TH	3	1/0	0/2	20	30	20	30	25	125	4
	Professional Core Course	TH	3	1/0	0/2	20	30	20	30	25	125	4
	Professional Core Course	TH	3	-	-	20	30	20	30	-	100	3
	Professional Core Course	CE	2/1	1/0	0/4	-	-	-	-	50	50	3
M2	Mandatory Course	AU	-	-	-	-	-	-	-	-	-	-
	Total		17/16	5/0	0/12	100	150	100	150	150	650	22

S.Y. B. TECH. (COMMON TO ALL PROGRAMS), SEMESTER IV (PATTERN 2020)

Course Code	Course Title	Course Type	Teaching Scheme			Examination Scheme					Total	Credits
			L	T	P	CIE	ISE	SCE	ESE	PR/OR/TW		
	Basic Science/ Engineering Science Course	TH	3	1/0	0/2	20	30	20	30	25	125	4
	Professional Core Course	TH	3	1/0	0/2	20	30	20	30	25	125	4
	Professional Core Course	TH	3	1/0	0/2	20	30	20	30	25	125	4
	Professional Core Course	TH	3	1/0	0/2	20	30	20	30	25	125	4
	Professional Core Course	TH	3	0	0	20	30	20	30	0	100	3
	Professional Core Course	CE	2/1	1/0	0/4	-	-	-	-	50	50	3
M2	Mandatory Course	AU	-	-	-	-	-	-	-	-	-	-
	Total		17/16	5/0	0/12	100	150	100	150	150	650	22



T.Y. B. TECH (COMMON TO ALL PROGRAMS), SEMESTER V (PATTERN 2020)

Course Code	Course Title	Course Type	Teaching Scheme			Examination Scheme					Total	Credits
			L	T	P	CI E	ISE	SCE	ESE	PR/ OR/ TW		
	Professional Core /Basic Science Course	TH	3	1/0	0/2	20	30	20	30	25	125	4
	Professional Core	TH	3	1/0	0/2	20	30	20	30	25	125	4
	Professional Core	TH	3	1/0	0/2	20	30	20	30	25	125	4
	Professional Core	TH	3	-	-	20	30	20	30	-	100	3
	Professional Elective	TH	3	1/0	0/2	20	30	20	30	25	125	4
	Employability Skills - I	CE	1/0	-	2/4	-	-	-	-	25	25	2
M2	Mandatory Course	AU	-	-	-	-	-	-	-	-	-	-
	Total		16/15	4/0	2/12	100	150	100	150	150	650	21

T.Y. B. TECH (COMMON TO ALL PROGRAMS), SEMESTER VI (PATTERN 2020)

Course Code	Course Title	Course Type	Teaching Scheme			Examination Scheme					Total	Credits
			L	T	P	CIE	ISE	SCE	ESE	PR/ OR/ TW		
	Professional Core	TH	3	1/0	0/2	20	30	20	30	25	125	4
	Professional Core/ Professional Elective	TH	3	1/0	0/2	20	30	20	30	25	125	4
	Basic Science Course / Professional core	TH	3	1/0	0/2	20	30	20	30	25	125	4
	Professional Core / Professional Elective	TH	3	1/0	0/2	20	30	20	30	25	125	4
	Open Elective (Humanities and Social Science)	TH	3	-	-	20	30	20	30	-	100	3
	Employability Skills -II	CE	1/0	-	2/4	-	-	-	-	25	25	2
M2	Mandatory Course	AU	-	-	-	-	-	-	-	-	-	-
	Total	-	16/15	4/0	2/12	100	150	100	150	125	625	21



**FINAL YEAR B. TECH (COMMON TO ALL PROGRAMS), SEMESTER VII
(PATTERN 2020) MODULE I**

Course Code	Course Title	Course Type	Teaching Scheme			Examination Scheme					Total	Credits
			L	T	P	CIE	ISE	SCE	ESE	PR/OR/TW		
	Professional Core/ Professional Elective	TH	3	1/0	0/2	20	30	20	30	25	125	4
	Professional Elective	TH	3	1/0	0/2	20	30	20	30	25	125	4
	Open Elective	TH	3	-	-	20	30	20	30	-	100	3
	Open Elective (Humanities and Social Science)	TH	3	-	-	20	30	20	30	-	100	3
	Intellectual Property Rights (IPR)	CE	2	-	-	-	-	50	-	-	50	2
	Project Work	CE-PR/OR	-	-	8	100	-	-	-	50	150	4
M4	Mandatory Course	AU	-	-	-	-	-	-	-	-	-	-
	Total	-	14	2/0	8/12	180	120	130	120	100	650	20

**FINAL YEAR B. TECH (COMMON TO ALL PROGRAMS), SEMESTER VII
(PATTERN 2020) MODULE II**

Course Code	Course Title	Course Type	Teaching Scheme			Examination Scheme					Total	Credits
			L	T	P	CIE	ISE	SCE	ESE	PR/OR/TW		
	Semester Internship	CE-PR/OR	-	-	20	100	-	-	-	50	150	10
M4	Mandatory Course	AU	-	-	-	-	-	-	-	-	-	-
	Total	-	-	-	20	100	-	-	-	50	150	10



**FINAL YEAR B. TECH (COMMON TO ALL PROGRAMS), SEMESTER VIII
(PATTERN 2020) MODULE III**

Course Code	Course Title	Course Type	Teaching Scheme			Examination Scheme					Total	Credits
			L	T	P	CIE	ISE	SCE	ESE	PR/OR/TW		
	Professional Elective/professional core	TH	3	-	2	20	30	20	30	25	125	4
	Open Elective	TH	3	-	-	20	30	20	30	25	125	3
	Open Elective (Humanities and Social Science)	TH	3	-	-	20	30	20	30	25	125	3
M4	Mandatory Course	AU	-	-	-	-	-	-	-	-	-	-
	Total	-	9	-	2	60	90	60	90	75	375	10

**FINAL YEAR B. TECH (COMMON TO ALL PROGRAMS), SEMESTER VIII
(PATTERN 2020) MODULE IV**

Course Code	Course Title	Course Type	Teaching Scheme			Examination Scheme					Total	Credits
			L	T	P	CIE	ISE	SCE	ESE	PR/OR/TW		
	Semester Internship	CE-PR/OR	-	-	20	100	-	-	-	50	150	10
M4	Mandatory Course	AU	-	-	-	-	-	-	-	-	-	-
	Total	-	-	-	20	100	-	-	-	50	150	10

**FINAL YEAR B. TECH (COMMON TO ALL PROGRAMS), SEMESTER VIII
(PATTERN 2020) MODULE V**

Course Code	Course Title	Course Type	Teaching Scheme			Examination Scheme					Total	Credits
			L	T	P	CIE	ISE	SCE	ESE	PR/OR/TW		
	Professional Core/ Professional Elective	TH	3	1/0	0/2	20	30	20	30	25	125	4
	Professional Elective	TH	3	1/0	0/2	20	30	20	30	25	125	4
	Open Elective	TH	3	-	-	20	30	20	30	-	100	3



	Open Elective (Humanities and Social Science)	TH	3	-	-	20	30	20	30	-	100	3
	Intellectual Property Rights (IPR)	CE	2	-	-	-	-	50	-	-	50	2
	Project Work	CE- PR/OR	-	-	8	100	-	-	-	50	150	4
M4	Mandatory Course	AU	-	-	-	-	-	-	-	-	-	-
	Total	-	14	2/0	8/12	180	120	130	120	100	650	20

NOTE: Students who will register for Module-I in Semester VII have to register either of Module-III or Module IV in Semester VIII. Students who will register for Module-II in Semester VII have to register for Module-V in Semester VIII.

Dean Academics

Director