B.Tech (Electronics & Computer Engineering)
Scheme of Studies/Examination
Semester 7th
w.e.f. 2021-2022

Sr. No.	Category	Course Code	Course Title	Hours per week			Total Contact Hrs. per week	Credit	Examination Schedule (Marks)				Duration of Exam (Hours)
				L	T	P			Internal Assesment	Theory	Practical	Total	
1	Professional Core Course	PCC-ECE-401G	Fiber Optic Communication (Common with ECE)	3	3	0	6	3	25	75	-	100	3
2	Professional Core Course	PCC-ECE-402-G	Antenna and Wave (Common with ECE)	3	3	0	6	3	25	75	-	100	3
3	Professional Elective Course	Refer to Annexure-I	Professional Elective-IV (Common with ECE)	3	3	0	6	3	25	75	-	100	3
4	Professional Core Course	PCC-CSE-401G	Neural Networks (Common with CSE)	3	0	0	3	3	25	75		100	3
5	Open Elective Course	Refer to Annexure OEC-I	Open Elective –I (Common with CSE)	3	0	0	3	3	25	75		100	3
6	Professional Core Course	LC-CSE-421G	Neural Networks Lab (Common with CSE)	0	0	2	2	1	25	-	25	50	3
7	Project	PROJ-ECE-407-G	Project Stage-I (Common with ECE)			4	4	5	50	-	100	150	3
8	Training	PT-ECE-431G	Practical Training-II	0	0	0	1	-	Refer Note 1				
		TOTAL CREDIT						21	200	375	125	700	

NOTE:

1. Practical Training II: The evaluation of Practical Training-II will be based on seminar, viva-voce, report submitted by the students. According to performance, the students will be awarded grades A, B, C, F. A student who is awarded 'F' grade is required to repeat Practical Training.

2. Choose one subject from each Professional Elective –IV, Open Elective –I. List of elective subjects is attached as annexures.

Annexure I

Professional Elective-IV

S. No.	Course Code	Course Title
1	PEC-ECE-411-G	Data Communication Networking & Security
2	PEC-ECE-412-G	Error Correcting Codes

Annexure OEC-I

Open Elective-I

1. OEC-PHY-101G: Material Science

2. OEC-ECE-451-G: Electronic Principles

3. HSMC-08G: Fundamentals of Management

4. OEC-CE-451-G: Disaster Management

5. HSMC-10G: English for Professionals

B.Tech (Electronics & Computer Engineering)
Scheme of Studies/Examination
Semester 8th
w.e.f. 2021-2022

Sr. No.	Category	Course Code	Course Title	Hours per week			Total Contact Hrs. per week	Credit	Examination Schedule (Marks)				Duration of Exam (Hours)
				L	T	P			Internal Assesment	Theory	Practical	Total	
1	Professional Core Course	PCC-ECE-403-G	Satellite Communication (Common with ECE)	3	3	0	6	3	25	75	-	100	3
2	Professional Core Course	PCC-ECE-404-G	Microwave theory and technique (Common with ECE)	3	3	0	6	3	25	75	-	100	3
3	Professional Core Course	LC-ECE-406-G	Wireless & Satellite Communication Lab (Common with ECE)	0	0	2	2	1.5	25	-	25	50	3
4	Professional Core Course	PCC-CSE-402G	Machine Learning (Common with CSE)	3	0	0	3	3	25	75		100	3
5	Professional Core Course	PCC-CSE-404G	Big Data Analytics (Common with CSE)	3	0	0	3	3	25	75		100	3
6	Professional Core Course	LC-CSE-410G	Big Data Analytics Lab (Common with CSE)	0	0	0	2	1	25		25	50	3
7	Project	PROJ-CSE-422G	Project-III (Common with CSE)	0	0	8	4	4	50		50	100	3
	TOTAL CREDIT							18.5	200	300	100	600	