



Sl. No.	Board of Studies	Courses (Subject)	Course Code	Period per Week			Theory/Lab			Total Marks	Credits
				L	T	P	ESE	CT	TA		
1.	Computer Science & Engineering	Microprocessors & Interfaces	C022511(022)	3	1		100	20	30	150	4
2.	Computer Science Engineering	Computer Networks	C022512(022)	3	1	-	100	20	30	150	4
3.	Computer Science Engineering	Formal Languages and Automata Theory	C022513(022)	3	1	-	100	20	30	150	4
4.	Computer Science Engineering	Data Analytics with Python	C022514(022)	2	1	-	100	20	30	150	3
5.	Professional Elective-1 (Refer Table I)			2	0	-	100	20	30	150	2
6.	Computer Science Engineering	Microprocessors & Interfaces Laboratory	C022521(022)	-	-	2	40	-	20	60	1
7.	Computer Science Engineering	Computer Networks Laboratory	C022522(022)	-	-	2	40	-	20	60	1
8.	Computer Science Engineering	Data Analytics with Python Laboratory	C022523(022)	-	-	2	40	-	20	60	1
9.	Computer Science Engineering	Project-I based on Summer Internship/ Industrial Training	C022524(022)	-	-	2	40	-	20	60	1
10.	Civil Engg.	Environmental Studies	C000506(020)	-	-	2	-	-	10	10	-
Total				13	4	10	660	100	240	1000	21

L – Lecturer, T – Tutorial, P – Practical, CT – Class Test ESE – End Semester Exam TA – Teacher's Assessment

- **Note:** - The students have to attend the four weeks industrial training / summer internship in B. Tech program after fourth semester, which will be evaluated in fifth semester.

Table I (Professional Elective I)

S.N.	Board of Studies	Course Code	Subject
1.	Computer Science Engineering	C022531(022)	Computer Graphics
2.	Computer Science Engineering	C022532(022)	Object Oriented Analysis & Design
3.	Computer Science Engineering	C022533(022)	Digital Image Processing
4.	Computer Science Engineering	C022534(022)	Multimedia & Virtual Reality

Note: (1) 1/4th of total strength of students subject to minimum of 20 students is required to offer and elective in the college in a particular academic session.

(2) Choice of elective course once made for an examination cannot be changed in future examinations.