

**B.Tech. Computer Science and Engineering (Internet of Things and Cyber Security
Including Block Chain Technology)
5th SEMESTER**

Scheme of Studies/Examination w.e.f. 2022-23

Sr No	Category	Course Code	Course Title	Hours per Week			Total Contact Hrs. per week	Credit	Examination Schedule				Duration of Exams (Hours)
				L	T	P			Internal Assessment	Theory	Practical	Total	
1	Engineering Science Course	ECS-CSE-301G (Common With CSE)	Microprocessor	3	0	0	3	3	25	75		100	3
2	Professional Core Course	PCC-CSE-303G (Common With CSE)	Computer Networks	3	0	0	3	3	25	75		100	3
3	Professional Core Course	PCC-CSE-305G (Common With CSE)	Formal Languages & Automata	3	0	0	3	3	25	75		100	3
4	Professional Core Course	PCC-CSE-307G (Common With CSE)	Design and Analysis of Algorithms	3	0	0	3	3	25	75		100	3
5	Professional Core Course	PCC-CSE-309G (Common With CSE)	Programming in Java	3	0	0	3	3	25	75		100	3
6	Professional Core Course	PCC-IOT-301G	Internet of Things	3	0	0	3	3	25	75		100	3
7	Engineering Science Course	LC-CSE-321G (Common With CSE)	Microprocessor Lab	0	0	2	2	1	25	-	25	50	3
8	Professional Core Course	LC-IOT-323G	Internet of Things Lab	0	0	3	3	1.5	25	-	25	50	3
9	Professional Core Course	LC-CSE-325G (Common With CSE)	Design and Analysis of Algorithm Lab using C++	0	0	3	3	1.5	25	-	25	50	3
10	Professional Core Course	LC-CSE-327G (Common With CSE)	Programming in Java Lab	0	0	4	4	2	25	-	25	50	3
11	Training	PT-IOT-329G	Practical Training – I	-	-	-	-	-	-	-	Refer Note 1		
TOTAL CREDIT								24	250	450	100	800	

Note: 1

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

Excellent: A; Good: B; Satisfactory: C; Not Satisfactory: F.

[Type here]

**B.Tech. Computer Science and Engineering (Internet of Things and Cyber Security
Including Block Chain Technology)
6THSEMESTER**

Scheme of Studies/Examination w.e.f. 2022-23

Sr No	Category	Course Code	Course Title	Hours per Week			Total Contact Hrs. per week	Credit	Examination Schedule				Duration of Exams (Hours)
				L	T	P			Internal Assessment	Theory	Practical	Total	
1	Professional Core Course	PCC-CSE-302G (Common with CSE)	Compiler Design	3	0	0	3	3	25	75		100	3
2	Professional Core Course	PCC-CSE-304G (Common with CSE)	Artificial Intelligence	3	0	0	3	3	25	75		100	3
3	Professional Core Course	PCC-CSE-306G (Common with CSE)	Advanced Java	3	0	0	3	3	25	75		100	3
4	Professional Core Course	PCC-IOT-308G	Sensors and Actuators for IoT	3	0	0	3	3	25	75		100	3
5	Professional Core Course	PCC-IOT-310G	Cyber Security and Blockchain	3	0	0	3	3	25	75		100	3
6	Engineering Science Course	ESC-IOT- 312G	Signals and Systems	3	0	0	3	3	25	75		100	3
7	Professional Core Course	LC-CSE-324G	Compiler Design Lab	0	0	3	3	1.5	25		25	50	3
8	Professional Core Course	LC-CSE-328G	Advanced Java Lab	0	0	3	3	1.5	25		25	50	3
9	Professional Core Course	LC-IOT-326G	Sensors and Actuators Lab	0	0	2	2	1	25		25	50	3
10	Project	PROJ-CSE-322G	PROJECT-1	0	0	4	4	2	25		25	50	3
11	Mandatory Course	MC-317G (Common with all)	Constitution of India	2	0	0	2						
TOTAL CREDIT								24	250	450	100	800	

The evaluation of Constitution of India (MC-317G) will be based on grades A, B, C, F. The student who is awarded 'F' grade is required to repeat the subject.

NOTE: At the end of 6th semester each student has to undergo Practical Training of 4/6 weeks in an Industry/ Institute/ Professional Organization/ Research Laboratory/ training centre etc. and submit typed report along with a certificate from the organization & its evaluation shall be carried out in the 7th Semester.