Gurugram University Scheme of Studies and Examination
Bachelor of Technology (Electronics & Communication Engineering)

SEMESTER III

S. No.	Category	Course Code	Course Title	Hours per week			Credits	Marks for Sessional	Marks for End Term Examination	Total Marks
				L	T	P				
1	PCC		Analog & Digital Communication Systems	3	0	0	3	30	70	100
2	PCC		Electromagnetic Field Theory	3	0	0	3	30	70	100
3	PCC		Digital Electronics	3	0	0	3	30	70	100
4	PCC		Network Analysis and Synthesis	3	0	0	3	30	70	100
5	PCC		Signal & Systems	3	0	0	3	30	70	100
6	BSC		Mathematical & Computational Techniques	4	1	0	5	30	70	100
7	LC		Analog & Digital Communication Lab	0	0	2	1	50	50	100
8	LC		Digital Electronics Lab	0	0	2	1	50	50	100
9	LC		Network Analysis and Synthesis Lab	0	0	2	1	50	50	100
10	MC		Constitution of India	2	0	0	0	30	70	100*
Total				28			23	330	570	900

NOTE:

Constitution of India*: The examination of the regular students will be conducted by the concerned college/Institute internally. Each student will be required to score a minimum of 40% marks to qualify in the paper. The marks will not be included in determining the percentage of marks obtained for the award of a degree.

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SEMESTER IV

S. No.	Category	Course Code	Course Title	Hours per week			Credits	Marks for Sessional	Marks for End Term Examination	Total Marks
				L	T	P				
1	PCC		Internet of Things	3	0	0	3	30	70	100
2	PCC		Digital & Data Communication	3	0	0	3	30	70	100
3	PCC		Electronic Measurement & Instrumentation	3	0	0	3	30	70	100
4	BSC		Probability Theory and Stochastic Processes	3	0	0	3	30	70	100
5	PCC		Computer Organization & Architecture	3	0	0	3	30	70	100
	PCC		Microprocessor & Interfacing	3	0	0	3	30	70	100
7	LC		Internet of Things Lab	0	0	2	1	50	50	100
8	LC		Electronic Measurement & Instrumentation Lab	0	0	2	1	50	50	100
9	LC		Microprocessor & Interfacing Lab	0	0	2	1	50	50	100
10	LC		PCB Design & Workshop Lab	0	0	2	1	50	50	100
11	MC		Scientific & Technical writing Skills	2	0	0	-	30	70	100*
		Total			28		22	380	620	1000

NOTE:
1. Scientific & Technical writing Skills: The examination of the regular students will be conducted by The concerned college/ Institute internally. Each student will be required to score a minimum of 40% marks to qualify in the paper. The marks will not be included in determining the percentage of marks obtained for the award of a degree.
2. At the end of 4th 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 5th Semester.