

Gurugram University Scheme of Studies and Examination
Bachelor of Technology Semester 3

S.No.	Category	Course Code	Course Title	Hours per week			Credits	Marks for Sessional	Marks for End Term Examination	Total
				L	T	P				
1	PCC		Electrical Machine I	3	1	0	3	30	70	100
2	BSC		Mathematical and Computational Techniques	3	1	0	3	30	70	100
3	PCC		Digital Electronics	3	1	0	3	30	70	100
4	PCC		Network Analysis and Synthesis	3	1	0	3	30	70	100
5	PCC		Signals and System	3	0	0	3	30	70	100
6	PCC		Electromagnetic Field Theory	3	0	0	3	30	70	100
7	LC		Electrical Machine I Lab	0	0	2	1	50	50	100
8	LC		Mathematical and Computational Techniques Lab	0	0	2	1	50	50	100
9	LC		Digital Electronics Lab	0	0	2	1	50	50	100
10	LC		Network Analysis and Synthesis Lab	0	0	2	1	50	50	100
11	Non credit		Constitution of India *	2	0	0	-	30	70	100*
Total							22			1000

***Note:** 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.

Gurugram University Scheme of Studies and Examination
Bachelor of Technology Semester 4

S.No.	Category	Course Code	Course Title	Hours per week			Credits	Marks for Sessional	Marks for End Term Examination	Total
				L	T	P				
1	PCC		Transmission and Distribution	3	1	0	3	30	70	100
2	PCC		Electrical Machine II	3	1	0	3	30	70	100
3	PCC		Power Electronics	3	1	0	3	30	70	100
4	PCC		Electronic Measurement and Instrumentation	3	0	0	3	30	70	100
5	PCC		Electric Engineering Materials	3	0	0	3	30	70	100
6	BSC		Probability Theory and Stochastic Processes	3	1	0	3	30	70	100
7	LC		Transmission and Distribution Lab	0	0	2	1	50	50	100
8	LC		Electrical Machine II Lab	0	0	2	1	50	50	100
9	LC		Power Electronics Lab	0	0	2	1	50	50	100
10	LC		Electronic Measurement and Instrumentation Lab	0	0	2	1	50	50	100
11	Non credit		Scientific and Technical Writing Skills*	2	0	0	0	30	70	100*
Total							22			1000

***Note:** 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.

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 and its evaluation shall be carried out in the 5th Semester.