

**Gurugram University Scheme of Studies and Examination  
Bachelor of Technology (Electronics and Computer Engineering)**

**SEMESTER-III**

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		Advanced data Structure	3	0	0	3	30	70	100
2	PCC		Database Management Systems with SQL	3	0	0	3	30	70	100
3	PCC		Introduction to AI & ML	3	0	0	3	30	70	100
4	PCC		Digital Electronics	3	0	0	3	30	70	100
5	PCC		Network Analysis and Synthesis	3	0	0	3	30	70	100
6	BSC		Probability Theory and Stochastic Processes.	3	1	0	4	30	70	100
7	LC		Advanced data Structure Lab(P)	0	0	2	1	50	50	100
8	LC		Database Management System Lab(P)	0	0	2	1	50	50	100
9	LC		Digital Electronics Lab(P)	0	0	2	1	50	50	100
10	LC		Network Analysis and Synthesis _Lab(P)	0	0	2	1	50	50	100
11	MC		Constitution of India	2	0	0	0	30	70	100*
<b>Total</b>				<b>29</b>			<b>23</b>	<b>380</b>	<b>620</b>	<b>1000</b>

**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.

**Gurugram University Scheme of Studies and Examination**  
**Bachelor of Technology (Electronics and Computer Engineering)**  
**SEMESTER-IV**

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		Analog and Digital Communication	3	0	0	3	30	70	100
2	ESC		Electronic Devices and Circuits	3	0	0	3	30	70	100
3	PCC		Design and Analysis of Algorithm	3	0	0	3	30	70	100
4	PCC		Computer Organization & Architecture	3	0	0	3	30	70	100
5	BSC		Discrete Mathematics	3	1	0	4	30	70	100
6	PCC		Electromagnetic Field Theory	3	0	0	3	30	70	100
7	LC		Design and Analysis of Algorithm LAB	0	0	2	1	50	50	100
8	LC		Analog and Digital Communication Lab	0	0	2	1	50	50	100
9	LC		Electronic Devices and Circuits Lab	0	0	2	1	50	50	100
10	MC		Scientific & Technical writing Skill	2	0	0	-	30	70	100*
<b>Total</b>				<b>27</b>			<b>22</b>	<b>330</b>	<b>570</b>	<b>900</b>

**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 4<sup>th</sup> 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 5<sup>th</sup> Semester.