

# **SCHOOL OF INFORMATION AND COMMUNICATION TECHNOLOGY**

**(Department of Electronics and Communication Engineering)**

## **Course Structure**

**4- Years in B.Tech. in Electronics and Communication Engineering**

***With specialization in VLSI Design and Embedded Systems***



**GAUTAM BUDDHA UNIVERSITY, GREATER NOIDA**

**2026-2030**

<b>Semester I</b>							
S.No.	Course Code	Course Title	L	T	P	Credit	Course Type
1	CS101	Problem Solving Using C	3	0	0	3	PCC1
2	MA111	Applied Mathematics I	3	1	0	4	BSC1
3	ICT01	Electronics and Electrical Engineering	3	1	0	4	ESC1
4	ES101	Environmental Studies	3	1	0	4	BSC2
5	EN101	English Proficiency	2	0	0	2	HSMC
6	CS183	Problem Solving Using C Lab	0	0	2	1	LC1
7	ICT85	Electronics and Electrical Engineering Lab	0	0	2	1	LC2
8	ICTV1	Career Skills	2	0	0	2	VAC I
9	ICT81	ICT Workshop I	0	0	2	1	ESC2
10	GP	General Proficiency	Non-Credit				
<b>Total</b>			<b>16</b>	<b>3</b>	<b>6</b>	<b>22</b>	

<b>Semester II</b>							
S.No	Course Code	Course Title	L	T	P	Credit	Course Type
1	EC102	Problem Solving using Python	2	0	0	2	PCC2
2	MA112	Applied Mathematics II	3	1	0	4	BCS3
3	EC104	Digital Logic Design	3	1	0	4	ESC3
4	EC106	Applied Linear Algebra	3	0	0	3	BSC4
5	PH102	Engineering Physics	3	1	0	4	BSC5
6	EC180	Digital Logic Design Lab	0	0	2	1	ESC4
7	EC182	Problem Solving using Python Lab	0	0	2	1	LC3
8	PH104	Engineering Physics Lab	0	0	2	1	LC4
9	ICT82	ICT Workshop II	0	0	2	1	ESC4
10	ICTV2	Career Skills Lab	0	0	2	1	VAC II
11	GP	General Proficiency	Non-Credit				
<b>Total</b>			<b>14</b>	<b>3</b>	<b>10</b>	<b>22</b>	