

B.Tech. ECE (AI & ML) Effective for Session 2026-30 (Onwards)

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 AI & ML



GAUTAM BUDDHA UNIVERSITY, GREATER NOIDA

2026-2030

Semester I							
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				
Total			16	3	6	22	

Semester II							
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				
Total			14	3	10	22	