UNIVERSITY SCHOOL
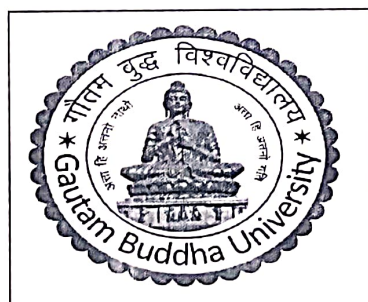# OF
INFORMATION AND COMMUNICATION TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

PROGRAMME STRUCTURE

B.TECH. COMPUTER SCIENCE AND ENGINEERING
SPECIALIZATION IN ARTIFICIAL INTELLIGENCE
2025-2029

GAUTAM BUDDHA UNIVERSITY

GAUTAM BUDH NAGAR, GREATER NOIDA, UP, INDIA

SEMESTER I

S.No.	Course Code	Course Name	L	T	P	Credits	Types
1	CS101	Problem Solving Using C	3	0	0	3	PCC1
2	ICT01	Electronics and Electrical Engineering	3	1	0	4	ESC1
3	PH102	Engineering Physics	3	1	0	4	BSC5
4	MA111	Applied Mathematics-I	3	1	0	4	BSC3
5	PH104	Engineering Physics Lab	0	0	2	1	LC4
6	ICT81	ICT Workshop I	0	0	2	1	ESC2
7	CS183	Problem Solving Using C Lab	0	0	2	1	LC1
8	ICT85	Electronics and Electrical Engineering Lab	0	0	2	1	LC2
9	ICTV1	**Career Skills**	2	0	0	2	VAC1
10	GP	General Proficiency	Non Credit				
		Total Hours and Credits	14	3	8	21	

SEMESTER II

S.No.	Course Code	Course Name	L	T	P	Credits	Types
1	AI102	Python Programming	3	0	0	3	PCC2
2	MA112	Applied Mathematics-II	3	1	0	4	BSC1
3	AI104	Introduction to Artificial Intelligence	2	0	0	2	ESC3
4	ICT06	Discrete Mathematics	3	0	0	3	BSC4
5	ES101	Environmental Studies	3	1	0	4	BSC2
6	ICT82	ICT Workshop II	0	0	2	1	ESC4
7	EN101	English Proficiency	2	0	0	2	HSMC
8	AI181	Python Programming Lab	0	0	2	1	LC3
9	ICTV2	**Career Skills Lab**	0	0	2	1	VAC II
10	GP	General Proficiency	Non Credit				
		Total Hours and Credits	16	2	6	21	