



GALGOTIAS UNIVERSITY



School of Computer Science and Engineering

Program (2026-2027)

**Post Graduate Diploma (PG Diploma) in Cyber Security
(Duration: 1 Year/2 Semester)**

Proposed Curriculum - PG Diploma in Cyber Security with Artificial Intelligence

First Semester - PG Diploma in Cyber Security with Artificial Intelligence							
S.No.	Course Code	Course Title	L	T	P	S	C
1	101	Foundations of Data Science	3	0	0	0	3
2	102	Principles of Cyber Security	3	0	0	0	4
3	103	Artificial Intelligence and Machine Learning	3	0	1	0	4
4	104	Python Programming	3	0	1	0	4
5	105	Digital Forensic Analytics	3	0	0	0	3
6	106	Term Project	0	0	1	1	2
Total Credits			20				

List of Electives

Second Semester - PG Diploma in Cyber Security with Artificial Intelligence							
S.No.	Course Code	Course Title	L	T	P	S	C
1	201	Ethical Hacking	3	0	1	0	4
2	202	Cryptography	3	0	0	0	3
3	203	Generative AI and Prompt Engineering	3	0	0	0	3
4	204	Blockchain Technology	3	0	1	0	3
5	205	Elective	3	0	1	0	4
6	206	Capstone Project	0	0	1	2	3
Total Credits			20				
Total Program Credits			40				
S.N	Course Code	Program Specific Elective-I (Sem VI)	L	T	P	S	Credits
1	205	Data Exploration and Visualization	3	0	0	0	3
2	205	Cybersecurity Data Visualization & Reporting	3	0	0	0	3
3	205	Data Science for Cyber Defense	3	0	0	0	3
4	205	Cyber Laws & IT Act	3	0	0	0	3