



# GALGOTIAS UNIVERSITY



School of Computer Science and Engineering

**Program (2026-2027)**

**Post Graduate Diploma (PG Diploma) in Data Science  
with Artificial Intelligence  
(Duration: 1 Year/2 Semester)**

## Curriculum

First Semester							
Sl.No.	Course Code	Course Title	L	T	P	S	C
1	101	Foundations of Data Science	3	0	0	0	3
	102	Principals of Cyber Security	3	0	1	0	4
2	103	Artificial Intelligence and Machine Learning	3	0	1	0	4
	104	Python Programming	3	0	1	0	4
3	105	Digital Forensic Analytics	3	0	0	0	3
4	106	Term Project	0	0	1	1	2
<b>Total Credits</b>			<b>20</b>				

## List of Electives

Second Semester							
Sl.No.	Course Code	Course Title	L	T	P	S	C
1	201	Deep Learning Techniques	3	0	1	0	4
2	202	Computer Vision	3	0	0	0	3
3	203	Generative AI and prompt engineering	3	0	0	0	3
4	204	Natural Language processing	3	0	1	0	4
	205	Elective	3	0	0	0	3
5	206	Capstone Project	0	0	1	2	3
<b>Total Credits</b>			<b>20</b>				
<b>Total Program Credits</b>			<b>40</b>				

  

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 Law and IT Act	3	0	0	0	3

