			PANIPAT INSTITUTE OF ENGINEERING AND TECHNOLOGY		

PANIPAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF CSE (AI-ML)

Subject Name: - IAI Subject Code:-PC-CS-AIML-207A 3rd Sem

Lesson Plan

Sr. No.	Lecture No.	Topics To Be Covered	CO Covered	Assignment No	Teaching Methodology
1	L 1	Introduction to Artificial Intelligence.	CO1	Assignment No 1	White Board
2	L 2	Introduction to Artificial Intelligence.	CO1	Assignment No 1	White Board
3	L 3	History of Artificial Intelligence.	CO1	Assignment No 1	White Board
4	L4	Artificial Intelligence Languages	CO1	Assignment No 1	White Board
5	L 5	Multi Agent Systems	CO1	Assignment No 1	White Board
6	L 6	natural language processing	CO1	Assignment No 1	White Board
7	L 7	vision and speech processing	CO1	Assignment No 1	Smart Board
8	L 8	robotics	CO1	Assignment No 1	Smart Board
9	L 9	expert systems	CO1	Assignment No 1	White Board
10	L 10	Case Study: Dialogflow	CO1	Assignment No 1	White Board
11	L 11	Case Study: Duplex flow	CO1	Assignment No 1	White Board
12	L 12	Problem spaces and search	CO2	Assignment No 2	White Board
13	L 13	Heuristic and Informed search strategies	CO2	Assignment No 2	White Board
14	L14	Minmax search	CO2	Assignment No 2	White Board

15	L 15	Alpha-beta pruning	CO2	Assignment No 2	White Board
16	L 16	Search and Optimization	CO2	Assignment No 2	White Board
17	L 17	Adversarial Search	CO3	Assignment No 2	White Board
18	L 18	Planning and Scheduling	CO3	Assignment No 2	White Board
19	L 19	Case Study: Health Care System	CO3	Assignment No 2	White Board
20	L 20	Knowledge and Knowledge Base System	CO4	Assignment No 2	White Board
21	L 21	Logic and inference	CO4	Assignment No 2	White Board
22	L 22	Knowledge and rationality	CO4	Assignment No 2	White Board
23	L 23	Propositional and predicate logic,	CO4	Assignment No 2	White Board
24	L 24	Ontologies	CO5	Assignment No 2	White Board
25	L 25	Temporal reasoning	CO5	Assignment No 2	White Board
26	L 26	Bayesian Reasoning	CO5	Assignment No 2	White Board
27	L 27	Knowledge Discovery: Data and Web Mining	CO5	Assignment No 2	White Board
28	L 28	Case study: Medical diagnosis	CO5	Assignment No 2	White Board
29	L 29	AI in Banking	CO6	Assignment No 3	Presentation
30	L 30	AI in Marketing	CO6	Assignment No 3	Presentation
31	L 31	AI in Agriculture	CO6	Assignment No 3	Presentation
32	L 32	AI in Finance	CO6	Assignment No 3	Presentation
33	L 33	AI in Health Care	CO6	Assignment No 3	Presentation

34	L 34	AI in Space Exploration	CO6	Assignment No 3	Presentation
35	L 35	AI in Autonomous vehicles	CO6	Assignment No 3	Presentation
36	L 36	AI in Chatbots	CO6	Assignment No 3	Presentation
37	L 37	AI in Creativity.	CO6	Assignment No 3	Presentation