

Guru Tegh Bahadur Institute of Technology, New Delhi

Department of Computer Science & Engineering

Lecture Plan for Artificial Intelligence

Course Name: B.Tech(CSE)

Semester:6th

SUB CODE: AI-302T

S. No	Topic Details	No of Hours Planned	Reference/text book
1.	Unit-I: AI Definition, Problems, The Foundations of Artificial Intelligence, Techniques	3	T1,R1
	Models, Defining Problem as a state space search, production system	3	T2,R2
	Intelligent Agents: Agents and Environments, Characteristics, Search methods and issues in the design of search problems.	4	T2,R2
2.	Unit-II Knowledge representation issues, mapping, frame problem. Predicate logic, facts in logic, representing instance and Isa relationship,	3	T1,R1
	Resolution, procedural and declarative knowledge, matching, control knowledge.	3	T2,R1
	Symbolic reasoning under uncertainty, Non monotonic reasoning, statistical reasoning.	4	T2,R2

