Lesson Plan

Subject- Computer Science and Applications

Lesson Plan- 17 Weeks (July – Nov 2019)

Week	Date	BCA(5th Sem) Artificial Intelligence
1	16- July-2019	-
	17- July-2019	-
	18- July-2019	Introduction to Artificial Intelligence : Intelligence, AI Concepts
	19- July-2019	Discussion over Knowledge Various types of Knowledge Knowledge Pyramid
	20- July-2019	Knowledge Pyramid
	21- July-2019	Sunday
2	22- July-2019	-
	23- July-2019	-
	24- July-2019	-
	25- July-2019	Characteristics of AI Problems
	26- July-2019	People and Computers: What computers can do better that people, what people can do better than computers Characteristics of AI Problems
	27- July-2019	Advantages & Disadvantages of AI
	28- July-2019	Sunday
3	29- July-2019	-
	30- July-2019	-
	31- July-2019	Holiday
	1- Aug- 2019	Problem Representation in AI
	2- Aug- 2019	Various Methods of Problem Representation in AI
	3- Aug- 2019	Discussion over Components of AI
	4- Aug- 2019	Sunday
4	5- Aug- 2019	-
	6- Aug- 2019	-
	7- Aug- 2019	-
	8- Aug- 2019	AI Evolution, history of AI
	9- Aug- 2019	Revision
	10- Aug- 2019	Application Area of AI
	11- Aug- 2019	Sunday
5	12- Aug- 2019	Holiday
	13- Aug- 2019	-
	14- Aug- 2019	-
	15- Aug- 2019	Holiday
	16- Aug- 2019	Revision of UNIT-1
	17- Aug- 2019	Introduction to Expert System: Components of Expert System
	18- Aug- 2019	Sunday
6	19- Aug- 2019	-
	20- Aug- 2019	-
	21- Aug- 2019	-
	22- Aug- 2019	Components of Expert System: Knowledge Base, Inference Engine, User Interface
	23- Aug- 2019	Features of Expert System

	24- Aug- 2019	Expert System Life Cycle
	25- Aug- 2019	Sunday
7	26- Aug- 2019	-
	27- Aug- 2019	-
	28- Aug- 2019	-
	29- Aug- 2019	Categories of Expert System, Rule Based vs. Model Based Expert System
	30- Aug- 2019	Advantages/Limitation of Expert System
	31- Aug- 2019	Introduction to Developing an Expert System
	1- Sept- 2019	Sunday
8	2- Sept- 2019	-
	3- Sept- 2019	-
	4- Sept- 2019	-
	5- Sept- 2019	Developing an Expert System: Identification, Conceptualization, Implementation, Testing
	6- Sept- 2019	Using an Expert System, Application Areas of Expert System
	7- Sept- 2019	Revision of UNIT -2
	8- Sept- 2019	Sunday
9	9- Sept- 2019	-
	10- Sept- 2019	-
	11- Sept- 2019	-
	12- Sept- 2019	Introduction to AI and Search Process
	13- Sept- 2019	Brute Force Search – Depth First/Breadth First Search
	14- Sept- 2019	Brute Force Search – Depth First/Breadth First Search
	15- Sept- 2019	Sunday
10	16- Sept- 2019	-
	17- Sept- 2019	-
	18- Sept- 2019	-
	19- Sept- 2019	Introduction to Heuristic Search: Hill Climbing
	20- Sept- 2019	Class test
	21- Sept- 2019	Discussion over Constraint Satisfaction
	22- Sept- 2019	Sunday
11	23- Sept- 2019	Holiday
	24- Sept- 2019	-
	25- Sept - 2019	-
	26- Sept - 2019	Discussion over Mean End Analysis, Best First Search
	27- Sept - 2019	Discussion over A* Algorithm
	28- Sept - 2019	AO* Algorithm, Beam Search.
	29- Sept - 2019	Sunday
12	30- Sept - 2019	-
	1- Oct- 2019	-
	2- Oct- 2019	Holiday
	3- Oct- 2019	Revision of UNIT -3
	4- Oct- 2019	**Sessional**
	5- Oct- 2019	Introduction to Natural Language Processing: Introduction, its Need &Goal
	6- Oct- 2019	Sunday
	7- Oct- 2019	-
	8- Oct- 2019	Holiday
	9- Oct- 2019	-
	10- Oct- 2019	Holiday

13	11- Oct- 2019	Discussion over Problems in Natural Language Understanding
	12- Oct- 2019	How People overcome Natural Language Problems
	13- Oct- 2019	Sunday
14	14- Oct- 2019	-
	15- Oct- 2019	-
	16- Oct- 2019	-
	17- Oct- 2019	Holiday
	18- Oct- 2019	Speech Recognition: Introduction, Advantages and Limitations
	19- Oct- 2019	Approaches to Speech Recognition
	20- Oct- 2019	Sunday
15	21- Oct- 2019	-
	22- Oct- 2019	-
	23- Oct- 2019	-
	24- Oct- 2019	Introduction to Robotics: Parts of a Robot
	25- Oct- 2019	Diwali Break
	26- Oct- 2019	
	27- Oct- 2019	
	28- Oct- 2019	
16	29- Oct- 2019	
	30- Oct- 2019	Controlling a Robot, Intelligent Robots, Mobile Robots
	31- Oct- 2019	Revision Test
	1- Nov- 2019	Holiday
	2- Nov- 2019	Holiday
	3- Nov- 2019	Sunday
	4- Nov- 2019	-
17	5- Nov- 2019	-
	6- Nov- 2019	-
	7- Nov- 2019	Discussion over Previous Year papers
	8- Nov- 2019	Discussion over Previous Year papers
	9- Nov- 2019	Revision
	10- Nov- 2019	Sunday