

Lesson Plan

Subject- Computer Science & Applications

Lesson Plan- 17 Weeks (July-Nov 2018)

Week	Date	BCA(5 th Sem) Artificial Intelligence
1	16-July-18	
	17-July-18	
	18-July-18	
	19-July-18	Introduction to Artificial Intelligence : Intelligence, AI Concepts
	20-July-18	Discussion over Knowledge Various types of Knowledge Knowledge Pyramid
	21-July-18	Knowledge Pyramid
	22-July-18	Sunday
2	23-July-18	
	24-July-18	
	25-July-18	
	26-July-18	Characteristics of AI Problems
	27-July-18	People and Computers: What computers can do better than people, what people can do better than computers Characteristics of AI Problems
	28-July-18	Advantages & Disadvantages of AI
	29-July-18	Sunday
3	30-July-18	
	31-July-18	Shaheedudhamsingh's martyrdom day
	1-Aug-18	
	2-Aug-18	Problem Representation in AI
	3-Aug-18	Various Methods of Problem Representation in AI
	4-Aug-18	Discussion over Components of AI
	5-Aug-18	Sunday
4	6-Aug-18	
	7-Aug-18	
	8-Aug-18	
	9-Aug-18	AI Evolution, History of AI
	10-Aug-18	Revision
	11-Aug-18	Application Areas of AI
	12-Aug-18	Sunday
5	13-Aug-18	Haryaliteej
	14-Aug-18	
	15-Aug-18	Independence day
	16-Aug-18	The Turing Test, The Revised Turing Test
	17-Aug-18	Revision of UNIT -1
	18-Aug-18	Introduction to Expert System: Components of Expert System
	19-Aug-18	Sunday
6	20-Aug-18	

	21-Aug-18	
	22-Aug-18	Id-ul-zuha(bakrid)
	23-Aug-18	Components of Expert System: Knowledge Base, Inference Engine, User Interface
	24-Aug-18	Features of Expert System
	25-Aug-18	Expert System Life Cycle
	26-Aug-18	Sunday
7	27-Aug-18	
	28-Aug-18	
	29-Aug-18	
	30-Aug-18	Categories of Expert System, Rule Based vs. Model Based Expert Systems
	31-Aug-18	Advantages/Limitations of Expert System
	1-Sep-18	Talent show
	2-Sep-18	Sunday
8	3-Sep-18	Janmashtmi
	4-Sep-18	
	5-Sep-18	
	6-Sep-18	Introduction to Developing an Expert System
	7-Sep-18	Developing an Expert System: Identification, Conceptualization, Implementation, Testing
	8-Sep-18	
	9-Sep-18	Sunday
9	10-Sep-18	
	11-Sep-18	
	12-Sep-18	
	13-Sep-18	Using an Expert System, Application Areas of Expert System
	14-Sep-18	Revision of UNIT -2
	15-Sep-18	Introduction to AI and Search Process
	16-Sep-18	Sunday
10	17-Sep-18	
	18-Sep-18	
	19-Sep-18	
	20-Sep-18	Brute Force Search – Depth First/Breadth First Search
	21-Sep-18	Brute Force Search – Depth First/Breadth First Search
	22-Sep-18	Introduction to Heuristic Search: Hill Climbing
	23-Sep-18	Sunday
11	24-Sep-18	
	25-Sep-18	
	26-Sep-18	
	27-Sep-18	Discussion over Constraint Satisfaction
	28-Sep-18	Discussion over Mean End Analysis, Best First Search
	29-Sep-18	Discussion over A* Algorithm
	30-Sep-18	Sunday
12	1-Oct-18	
	2-Oct-18	Mahatma gandhi'sjayanti
	3-Oct-18	

	4-Oct-18	AO* Algorithm, Beam Search.
	5-Oct-18	Revision of UNIT -3
	6-Oct-18	Sessional
	7-Oct-18	Sunday
13	8-Oct-18	
	9-Oct-18	
	10-Oct-18	Maharaja agarsenjayanti
	11-Oct-18	Introduction to Natural Language Processing: Introduction, its Need & Goal
	12-Oct-18	Discussion over Problems in Natural Language Understanding
	13-Oct-18	How People overcome Natural Language Problems
	14-Oct-18	Sunday
14	15-Oct-18	
	16-Oct-18	
	17-Oct-18	
	18-Oct-18	Dussehra
	19-Oct-18	Speech Recognition: Introduction, Advantages and Limitations
	20-Oct-18	Approaches to Speech Recognition
	21-Oct-18	Sunday
15	22-Oct-18	
	23-Oct-18	
	24-Oct-18	Maharishi valmiki's birthday
	25-Oct-18	Introduction to Robotics: Parts of a Robot
	26-Oct-18	Controlling a Robot
	27-Oct-18	Intelligent Robots, Mobile Robots
	28-Oct-18	Sunday
16	29-Oct-18	
	30-Oct-18	
	31-Oct-18	
	1-Nov-18	Haryana day
	2-Nov-18	Revision
	3-Nov-18	Question paper discussion
	4-Nov-18	Sunday
17	5-Nov-18	
	6-Nov-18	Holiday
	7-Nov-18	Diwali
	8-Nov-18	Holiday
	9-Nov-18	Vishavkarma day
	10-Nov-18	Holiday
	11-Nov-18	Sunday
18	12-Nov-18	Holiday
	13-Nov-18	Holiday
	14-Nov-18	