

LESSONPLAN

NameoftheInstitute:	C.V.Raman Polytechnic	
Department:	ComputerScience&Engineering	
Semester/Division/Branch:	6 th Sem/CSE	
SubjectNamewithcode:	AI&ML(TH-4)	
TotalNo.ofClass(Required):	60	
FacultyName:	Ipsita Ankita Hota	
ClassNo.	<i>BriefdescriptionoftheTopic/Chaptertobetaught</i>	Remarks
1	IntroductiontoAI:DefinitionofAI,HistoryofAI	
2	Goals of AI	
3	Applications of AI	
4	Intelligent agent	
5	Computervision	
6	NaturalLanguageProcessing	
7	Turingtest	
8	ProblemsolvinginGames	
9	IntroductiontoSearchAlgorithm:Search,Search tree, Search Space	
10	CategoriesandTypesofSearch	
11	Informed Search And Uninformed Search	
12	HeuristicAlgorithmVSSolutionGuaranteedAlgorithm	
13	LocalsearchandOptimalproblem(Hillclimbing	
14	BFSalgorithm	

15	A*algorithm	
16	AO* algorithm	
17	AdversarialSearch	
18	AlandGamePlaying	
19	KnowledgeRepresentationandReasoning:Whatto	
20	Whattorepresent,knowledge	
21	PropertiesofKnowledge RepresentationSystem,	
22	PropertiesofKnowledge RepresentationSystem,	
23	KnowledgeRepresentation	
24	KnowledgeRepresentation	
25	ReasoningandTypesofreasoning	
26	ReasoningandTypesofreasoning	
27	MachineLearning:Introductiontomachinelearning	
28	Introductiontomachinelearning	
29	StatisticalorUnsupervisedLearning	
30	StatisticalorUnsupervisedLearning	
31	MLProperties	
32	MLProperties	
33	ReinforcementLearning	
34	ReinforcementLearning	
35	DecisionTree	
36	DecisionTree	
37	PatternRecognition:IntroductiontoPattern	
38	DesignPrinciplesofPatternrecognitionssystem	
39	DesignPrinciplesofPatternrecognitionssystem	
40	StatisticalPatternrecognitionSystem	
41	StatisticalPatternrecognitionSystem	

42	StatisticalPatternrecognitionSystem	
43	MachinePerception	
44	MachinePerception	
45	MachinePerception	
46	LineFindingandInterception	
47	LineFindingandInterception	
48	LineFindingandInterception	
49	Object Identification	
50	Object Identification	
51	Object Identification	
52	Classification	
53	ExpertSystem:IntroductiontoExpertsystem	
54	BasicArchitecture	
55	TypeofProblemSolvedbyExpertsystem	
56	FeaturesofanExpertSystem	
57	ExpertSystemArchitectures	
58	ExpertSystemTools	
59	ExistingExpertSystems	
60	ApplicationsofExpertSystem Technology	

I. A. Hota
Signature of the Faculty


Signature of the H.O.D