



ARSD College, University of Delhi

Model Course Handout/Lesson Plan

Course Name : B.Sc. Electronics(H) Lab						
Semester	Course Code	Course Title	Lecture (L)	Tutorial (T)	Practical (P)	Credit (C)
IV	558	Artificial Intelligence (SEC)	-	-	2	2
Teacher/Instructor(s)		Mrs. Ritu Bansal				
Session		Even Semester 2021-22				

Course Description:

Artificial intelligence (AI) is a major step forward in how computer system adapts, evolves and learns. This course will give an opportunity to gain expertise in one of the most fascinating and fastest growing areas of computer science through classroom program that covers fascinating and topics related to human intelligence and its applications in industry, defense, healthcare, agriculture and many other areas.

List of Experiments:

Details of the Lab Course		
Session	Name of Experiment	Contact Hours
1	Write A Program to conduct Uninformed and informed search.	8
2	Write A Program to conduct Game search.	8
3	Write A Program to construct a Bayesian Network from the given data.	8
4	Write A Program to infer from the Bayesian Network.	8
5	Write A Program to run value and policy iteration.	8
6	Write A Program to reinforcement	8
7	Project Work	8
Total Hours		60
Suggested Books:		
Sl. No.	Name of Authors/Books/Publishers	Year of Publication/Reprint
1.	Stuart Russel and Peter Norvig, "Artificial Intelligence : A Modern Aproach", 3 rd edition, Prentice Hall	Not Available
2.	David Poole and Alan Mackworth, "Artificial Intelligence: Foundations for Computational Agents, Cambridge University Press	2010

Evaluation Scheme:

No.	Component	Duration	Marks
1.	Internal Assessment		25
	• Quiz/Viva		

	<ul style="list-style-type: none"> • Observation & Record • Attendance • Model Exam 		
2.	End Semester Examination	3 hr	25

Teacher:

Mrs. Ritu Bansal

Assistant Professor

Department of Electronic Science