

Course: AN INTRODUCTION TO ARTIFICIAL INTELLIGENCE

Course Code: noc-20-cs42

Session: 2019-20

Duration: 12 Weeks

Assessment procedures: Weekly Assignment (25%) + proctored certification Exam (75%)

Curriculum of the Course:

Week 1:

- Introduction: Philosophy of AI
- Definitions

Week 2:

- Modeling a Problem as Search Problem
- Uninformed Search

Week 3:

- Heuristic Search
- Domain Relaxations

Week 4:

- Local Search
- Genetic Algorithms

Week 5:

- Adversarial Search

Week 6:

- Constraint Satisfaction

Week 7:

- Propositional Logic & Satisfiability

Week 8:

- Uncertainty in AI
- Bayesian Networks

Week 9:

- Bayesian Networks Learning & Inference

- Decision Theory

Week 10:

- Markov Decision Processes

Week 11:

- Reinforcement Learning

Week 12:

- Introduction to Deep Learning & Deep RL

List of students enrolled

S. No	Name of Student
1	Aditya Bhardwaj
2	aditya manu sharma
3	ADITYA SINGHAL
4	RAGHAV AGRAWAL
5	Surbhi Agarwal
6	akshita suthar
7	Akshita Patidar
8	Anand Samantnani
9	Ansh khandelwal
10	Anubhav Jain
11	Archit Bajpai
12	archit
13	simran arora
14	Aryan
15	anchal jain
16	Chinmay Agrawal
17	Neeraj Choudhary
18	Pradhum Malhotra
19	Divyanshu sharma
20	Dilkhush Sharma
21	Divyansh Mathur
22	Abhishek Dusad
23	Saksham Sharma
24	Harsh singh gahlot
25	Pulkit Garhwal
26	Gaurav Gahlot

27	PRABHAT GUPTA
28	Harsh Modi
29	Harshit
30	Harshit Jhalani
31	jai khandelwal
32	Jinendra Jain
33	Lokesh Jain
34	Jatin Vedwal
35	Jayesh Soni
36	ANKIT AGRAWAL
37	Karan aggarwal
38	Kartik Sarraf
39	kaushal kumar
40	Kunal Colin Williams
41	nikhil agarwal
42	Pragati Agrawal
43	Manendra Singh Bhati
44	Kunal Maniwal
45	Mansi Kumawat
46	mayank agrawal
47	Manas Dodiya
48	Mohit Agarwal
49	Naman Kumar Jain
50	nikhil khandelwal
51	Nishant Kumar
52	om prakash
53	Paras Jain
54	Peeyush Bhaduka
55	POOJA CHAUDHARY
56	pragya kumari
57	prajjwal sharma
58	Pranav Parashar
59	Pranay Prabhat
60	prashant soni
61	Prateek Goyal
62	priti agarwal
63	priyansh ajmera
64	priyansh gupta
65	Priyanshu Tali
66	Radhika Choudhari
67	Rishabh Garg
68	Rishabh Khandelwal

69	rohit agarwal
70	Rohit
71	RAHUL VARLANI
72	Aman Saini
73	Sarthak Bhatia
74	Satyam
75	Deep Shah
76	hariom sharma
77	Sangeeta Sharma
78	shivani kumawat
79	SHUBHAM GUPTA
80	SINGH POURNIMA YOGENDRA
81	Deepak Meena
82	sourabh sharma
83	Shubham Udsaria
84	Sandeep Verma
85	Tarun Sharma
86	Rahul Chandnani
87	Umang Mishra
88	Vanshika kar
89	Ritik Garg
90	Vibhu Mathur
91	Vishal Bothra
92	Yash Gupta
93	Punit Sharma
94	Yoshit Mathur