ADD-ON COURSE (2020-23 BATCH)
Course Name: ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

SYLLABUS

➤ Introduction: Philosophy of AI, Definitions

➤ Modeling a Problem as Search Problem, Uninformed Search

➤ Heuristic Search, Domain Relaxations

➤ Local Search, Genetic Algorithms

➤ Adversarial Search

➤ Constraint Satisfaction

➤ Propositional Logic & Satisfiability

➤ Uncertainty in AI, Bayesian Networks

➤ Bayesian Networks Learning & Inference, Decision Theory

➤ Markov Decision Processes

➤ Reinforcement Learning

➤ Introduction to Deep Learning & Deep RL