SUBJECT NO-CS60045, SUBJECT NAME- ARTIFICIAL INTELLIGENCE
LTP- 3-0-0,CRD- 3

SYLLABUS :-

Problem solving by search: state space, problem reduction, game playing, constraint satisfaction; Automated Reasoning: proposition and first order logic, inference and deduction, resolution refutation, answer extraction, knowledge based systems, logic programming and constrained logic programming, non-monotonic reasoning; Planning: state-space, plan space and partial order planning, planning algorithms; Reasoning under Uncertainty: probabilistic reasoning, belief networks; Learning: inductive learning, decision trees, logical approaches, computational learning theory, Neural networks, reinforcement learning; Intelligent Agents; Natural Language Understanding; Applications.