7th Semester CSE &IT
Elective-IV 18B1WCI742 Artificial Intelligence

T-2 Syllabus (25 Marks)

The T-2 Examination will cover a portion from the UNIT-1 & UNIT-2 from the AI Syllabus as also given in Course Description. This will map the Week-3, Week-4, Week-5, and Week-7 topics from the AI Course on NPTEL MOOC from the following link

https://nptel.ac.in/courses/106106226

T-2 Topics

3.6 Stochastic Local Search

4.1 Genetic Algorithms -Survival of the fittest

4.2 GA and SAT

4.3 GA for TSP

4.4 Emergent Systems

4.5 Ant Colony Optimization

5.1 Finding Optimal Paths

5.2 Branch and Bound

5.3 Algorithm A-Star

5.4 A-Star Example

5.5 Is A-Star Admissible

7.1 Game Theory

7.3 Board Games and Game Trees

7.4 The Evaluation Function in Board Games

7.5 Algorithm Minimax and Alpha-Beta Pruning

The PPTs of the Course can be found on the JUIT LMS Moodle and on .6 at the following link

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