Artificial Intelligence syllabus for CS 5 Sem 2017 scheme | VTU CBCS 17CS562 Syllabus

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Module-1 What is artificial intelligence? 8 hours

What is artificial intelligence?, Problems, Problem Spaces and search, Heuristic search technique

Module-2 Knowledge Representation Issues, Using Predicate Logic,

8 hours

Knowledge Representation Issues, Using Predicate Logic, Representing knowledge using Rules,

Module-3 Symbolic Reasoning under Uncertainty 8 hours

Symbolic Reasoning under Uncertainty, Statistical reasoning, Weak Slot and Filter Structures.

Module-4 Strong slot-and-filler structures 8 hours

Strong slot-and-filler structures, Game Playing.

Module-5 Natural Language Processing 8 hours

Natural Language Processing, Learning, Expert Systems.

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