

KNOWLEDGE BASED SYSTEM DESIGN

- 1 - Introduction to Artificial Intelligence : <http://nptel.ac.in/video.php?subjectId=106105079>
- 2 - Problem Solving by Search : <http://nptel.ac.in/video.php?subjectId=106105079>
- 3 - Searching with Costs : <http://nptel.ac.in/video.php?subjectId=106105079>
- 4 - Informed State Space Search : <http://nptel.ac.in/video.php?subjectId=106105079>
- 5 - Heuristic Search: A* and Beyond : <http://nptel.ac.in/video.php?subjectId=106105079>
- 6 - Problem Reduction Search: AND/OR Graphs : <http://nptel.ac.in/video.php?subjectId=106105079>
- 7 - Searching Game Trees : <http://nptel.ac.in/video.php?subjectId=106105079>
- 8 - Knowledge Based Systems: Logic and Deduction : <http://nptel.ac.in/video.php?subjectId=106105079>
- 9 - First Order Logic : <http://nptel.ac.in/video.php?subjectId=106105079>
- 10 - Inference in First Order Logic : <http://nptel.ac.in/video.php?subjectId=106105079>
- 11 - Resolution - Refutation Proofs : <http://nptel.ac.in/video.php?subjectId=106105079>
- 12 - Resolution Refutation Proofs : <http://nptel.ac.in/video.php?subjectId=106105079>
- 13 - Logic Programming : Prolog : <http://nptel.ac.in/video.php?subjectId=106105079>
- 14 - Prolog Programming : <http://nptel.ac.in/video.php?subjectId=106105079>
- 15 - Prolog: Exercising Control: <http://nptel.ac.in/video.php?subjectId=106105079>
- 16 - Additional Topics : <http://nptel.ac.in/video.php?subjectId=106105079>
- 17 - Introduction to Planning: <http://nptel.ac.in/video.php?subjectId=106105079>
- 18 - Partial Order Planning : <http://nptel.ac.in/video.php?subjectId=106105079>
- 19 - GraphPLAN and SATPlan: <http://nptel.ac.in/video.php?subjectId=106105079>
- 20 - SATPlan : <http://nptel.ac.in/video.php?subjectId=106105079>
- 21 - Reasoning under uncertainty: <http://nptel.ac.in/video.php?subjectId=106105079>
- 22 - Bayesian Networks : <http://nptel.ac.in/video.php?subjectId=106105079>
- 23 - Reasoning with Bayes Networks: <http://nptel.ac.in/video.php?subjectId=106105079>
- 24 - Reasoning with Bayes networks (Contd.) : <http://nptel.ac.in/video.php?subjectId=106105079>

25 - Reasoning under uncertainty: Issues : <http://nptel.ac.in/video.php?subjectId=106105079>

26 - Learning : Decision Trees : <http://nptel.ac.in/video.php?subjectId=106105079>

27 - Learning : Neural Networks: <http://nptel.ac.in/video.php?subjectId=106105079>

28 - Back Propagation Learning : <http://nptel.ac.in/video.php?subjectId=106105079>

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2 - Intelligent Agents : <http://nptel.ac.in/video.php?subjectId=106105077>

3 - State Space Search : <http://nptel.ac.in/video.php?subjectId=106105077>

4 - Uninformed Search : <http://nptel.ac.in/video.php?subjectId=106105077>

5 - Informed Search : <http://nptel.ac.in/video.php?subjectId=106105077>

6 - Informed Search - 2 : <http://nptel.ac.in/video.php?subjectId=106105077>

7 - Two Players Games - I : <http://nptel.ac.in/video.php?subjectId=106105077>

8 - Two Players Games - II : <http://nptel.ac.in/video.php?subjectId=106105077>

9 - Constraint Satisfaction Problems - 1 (52:48): <http://nptel.ac.in/video.php?subjectId=106105077>

10 - Constraint Satisfaction Problems 2 (53:05): <http://nptel.ac.in/video.php?subjectId=106105077>

11 - Knowledge Representation and Logic (56:59): <http://nptel.ac.in/video.php?subjectId=106105077>

12 - Interface in Propositional Logic (52:46): <http://nptel.ac.in/video.php?subjectId=106105077>

13 - First Order Logic (55:19): <http://nptel.ac.in/video.php?subjectId=106105077>

14 - Reasoning Using First Order Logic (59:20): <http://nptel.ac.in/video.php?subjectId=106105077>

15 - Resolution in FOPL (59:03): <http://nptel.ac.in/video.php?subjectId=106105077>

16 - Rule Based System (57:17): <http://nptel.ac.in/video.php?subjectId=106105077>

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18 - Semantic Net (57:05): <http://nptel.ac.in/video.php?subjectId=106105077>

- 19 - Reasoning in Semantic Net (56:41): <http://nptel.ac.in/video.php?subjectId=106105077>
- 20 - Frames (59:51): <http://nptel.ac.in/video.php?subjectId=106105077>
- 21 - Planning - 1 (51:58): <http://nptel.ac.in/video.php?subjectId=106105077>
- 22 - Planning - 2 (55:38): <http://nptel.ac.in/video.php?subjectId=106105077>
- 23 - Planning - 3 (54:03): <http://nptel.ac.in/video.php?subjectId=106105077>
- 24 - Planning - 4 (58:38): <http://nptel.ac.in/video.php?subjectId=106105077>
- 25 - Rule Based Expert System (59:31): <http://nptel.ac.in/video.php?subjectId=106105077>
- 26 - Reasoning with Uncertainty - I (1:00:55): <http://nptel.ac.in/video.php?subjectId=106105077>
- 27 - Reasoning with Uncertainty - II (59:04): <http://nptel.ac.in/video.php?subjectId=106105077>
- 28 - Reasoning with Uncertainty III (58:51): <http://nptel.ac.in/video.php?subjectId=106105077>
- 29 - Reasoning with Uncertainty - IV (58:44): <http://nptel.ac.in/video.php?subjectId=106105077>
- 30 - Fuzzy Reasoning - I (56:30): <http://nptel.ac.in/video.php?subjectId=106105077>
- 31 - Fuzzy Reasoning - II (59:18): <http://nptel.ac.in/video.php?subjectId=106105077>
- 32 - Introduction to Learning - I (56:15): <http://nptel.ac.in/video.php?subjectId=106105077>
- 33 - Introduction to Learning - II (59:30): <http://nptel.ac.in/video.php?subjectId=106105077>
- 34 - Rule Induction and Decision Trees - I (58:25): <http://nptel.ac.in/video.php?subjectId=106105077>
- 35 - Rule Induction and Decision Trees - II (56:40): <http://nptel.ac.in/video.php?subjectId=106105077>
- 36 - Learning Using neural Networks - I (1:00:46): <http://nptel.ac.in/video.php?subjectId=106105077>
- 37 - Learning Using Neural Networks - II (48:45): <http://nptel.ac.in/video.php?subjectId=106105077>
- 38 - Probabilistic Learning (59:38): <http://nptel.ac.in/video.php?subjectId=106105077>
- 39 - Natural Language Processing - I (57:29): <http://nptel.ac.in/video.php?subjectId=106105077>
- 40 - Natural Language Processing II (56:25): <http://nptel.ac.in/video.php?subjectId=106105077>