**Module – 5**

**Artificial Intelligence- Components of Planning- Green's Approach, STRIPS Approach- Planning 1**

<https://www.youtube.com/watch?v=NMqYpYOcbwg>

# Planning Introduction - Artificial Intelligence - Unit III - Lesson 1

<https://www.youtube.com/watch?v=TK7ORfbT5UI>

# Planning Problem in Artificial Intelligence, Unit - III, Planning

<https://www.youtube.com/watch?v=1TgUb_FEeew>

# Planning Graph in Artificial Intelligence Under Unit III - Planning

<https://www.youtube.com/watch?v=JGrU9Bcf4wA>

# Partial order planning (POP) in Artificial Intelligence in Unit - III, Planning

<https://www.youtube.com/watch?v=-rYpkxm3J3A>

# Artificial Intelligence | What is Partial Order Planning in AI | Least COMMITMENT in PARTIAL ORDER

<https://www.youtube.com/watch?v=auKwrmsIV64>

# Lecture - 18 Partial Order Planning

<https://www.youtube.com/watch?v=kyCibTQQQBE>

# Partial Order Planning - Example Change Flat Tire

<https://www.youtube.com/watch?v=BaVxTkfindg>

# AI 3.2 PARTIAL ORDER PLANNING PART-I

<https://www.youtube.com/watch?v=6hm0ZfQ3JaM>

# AI 3.2 PARTIAL ORDER PLANNING PART-II

<https://www.youtube.com/watch?v=5nU2voieFb4>

# What is PARTIAL-ORDER PLANNING? What does PARTIAL-ORDER PLANNING mean?

<https://www.youtube.com/watch?v=Pyk0H9Fjs-0>

Module 5

# Planning Problem in Artificial Intelligence, Unit - III, Planning

<https://www.youtube.com/watch?v=1TgUb_FEeew&t=322s>

# Planning

<https://www.youtube.com/watch?v=7lvthOTND_I&t=9s>

# Artificial Intelligence: Introduction to Planning and Components of Planning

<https://www.youtube.com/watch?v=pb2B-9S4IUM>

# Partial order planning (POP) in Artificial Intelligence in Unit - III, Planning

<https://www.youtube.com/watch?v=-rYpkxm3J3A&t=72s>

0:37 / 59:58

**Lecture - 18 Partial Order Planning**

<https://www.youtube.com/watch?v=kyCibTQQQBE&t=35s>

3:22 / 25:53

**AI 3.2 PARTIAL ORDER PLANNING PART-I**

<https://www.youtube.com/watch?v=6hm0ZfQ3JaM&t=197s>

# Partial Order Planning - Example Change Flat Tire

<https://www.youtube.com/watch?v=BaVxTkfindg&t=73s>

# AI (CSE) Lecture 20 Partial Order Planning, Hierarchical Planning

<https://www.youtube.com/watch?v=dHZhKSwH1ME>

# AI 3.2 PARTIAL ORDER PLANNING PART-II

<https://www.youtube.com/watch?v=5nU2voieFb4&t=45s>

# 5.2. AIPLAN - AI Practical Planners

<https://www.youtube.com/watch?v=UseJfcmG3po>

# How To Do Practical Planning - Brain Dumping, Prioritizing and Using A Paper

<https://www.youtube.com/watch?v=7nr6sGIJqto>

Module - 6

**IBA: Intro to AI - Lecture 12 - Uncertain Knowledge and Reasoning**

<https://www.youtube.com/watch?v=uuqToFZWd1Q>

# Lecture - 21 Reasoning Under Uncertainity

<https://www.youtube.com/watch?v=1BRIjhX4JdU>

# Bayes' Theorem - The Simplest Case

<https://www.youtube.com/watch?v=XQoLVl31ZfQ>

# Tutorial 47- Bayes' Theorem| Conditional Probability- Machine Learning

<https://www.youtube.com/watch?v=71oNiqPoKD8>

# Bayes Theorem Problem 1

<https://www.youtube.com/watch?v=_jNzauITCdA>

# Bayes Theorem Problem 2

<https://www.youtube.com/watch?v=q-b5X-4CD-s>

# Bayes Theorem Problem 3

<https://www.youtube.com/watch?v=9Hh9LC0rzuY>

# Probability a Red Ball Source and person speak Truth 3 out of 4 times Bayes Theorem Application

<https://www.youtube.com/watch?v=A_2JmwXUHOQ>

# Bayes Theorem Numerical example in Artificial Intelligence Part-1

<https://www.youtube.com/watch?v=a1GtEc_VBio>

# Bayes rule Example

<https://www.youtube.com/watch?v=NNpTsGaPcEg>

# Bayes Theorem Example #1

<https://www.youtube.com/watch?v=WAbndEzC2po>

# Examples of the Bayes Theorem (Part 1 of 2)

<https://www.youtube.com/watch?v=8Z-11baB3Z0>

# Inference Rules for knowledge reasoning

<https://www.youtube.com/watch?v=__QMuFGENO8>

# Hidden Markov Model Clearly Explained! Part - 5

<https://www.youtube.com/watch?v=RWkHJnFj5rY>

# Hidden Markov Models

<https://www.youtube.com/watch?v=5araDjcBHMQ&t=65s>

# Mod-01 Lec-38 Hidden Markov Model

<https://www.youtube.com/watch?v=E3qrns5f3Fw&t=50s>

# Machine Learning: Hidden Markov Model

<https://www.youtube.com/watch?v=3-87iRNvjrk>

# Hidden Markov Model | Numerical Example | Part 2

<https://www.youtube.com/watch?v=32_ZnwRVlcQ>

# #14 Introduction to Hidden Markov Model(HMM) |Markov Model|Markov property.

<https://www.youtube.com/watch?v=WosspJSYE1g>

# Hidden Markov Model (HMM) - in Artificial Intelligence - Unit-IV

<https://www.youtube.com/watch?v=Io_VNym0vkI>

# 1. Bayesian Belief Network | BBN | Solved Numerical Example | Burglar Alarm System by Mahesh Huddar

<https://www.youtube.com/watch?v=hEZjPZ-Ze0A>

# #45 Bayesian Belief Networks - DAG & CPT With Example |ML|

<https://www.youtube.com/watch?v=UzIumSywzec>

# Lecture 21-Bayesian Belief Networks using Solved Example

<https://www.youtube.com/watch?v=JS8vDX89w7Y>

# Machine Learning | Bayesian Belief Network

<https://www.youtube.com/watch?v=ibKIrRGUxG4>

# 16 BaYesian belief network

<https://www.youtube.com/watch?v=xfVuOF-2A3w>

# 3.5 Bayesian Belief network

<https://www.youtube.com/watch?v=vQuDdpwShxk>

# Section 8: Decision Networks and HMMs

<https://www.youtube.com/watch?v=2qhu4f2L9Go>

# CS 188 Lecture 16: Decision Networks and VPI

<https://www.youtube.com/watch?v=J1HJtPwFzsM>

Module - 7

**Expert System Architecture | Components & Participants | AI | Artificial Intelligence- Kanika Sharma**

<https://www.youtube.com/watch?v=s8awRI6bwJo>

# Expert Systems | Scope of AI | Artificial intelligence | Lec-45 | Bhanu Priya

<https://www.youtube.com/watch?v=l0CRFuA0m_8>

# 2 Expert system architecture

<https://www.youtube.com/watch?v=OVZUKXxMzSE>

# ARCHITECTURE OF EXPERT SYSTEM For PMC1836 Artificial intelligence Course by - Archana Raju19PMC317

<https://www.youtube.com/watch?v=Eg5-F51BWl0>

# Expert System Life Cycle | AI | Stages of Development | Artificial Intelligence - Kanika Sharma

<https://www.youtube.com/watch?v=9CGpoOQSU5w>

# AI (CSE) Lecture 23 Phases in building Expert System

<https://www.youtube.com/watch?v=CV__M7r5r38>

# AI: KNOWLEDGE ACQUISITION AND MYCIN .

<https://www.youtube.com/watch?v=q8cJWHoUVQI>

# Knowledge representation and knowledge acquisition

<https://www.youtube.com/watch?v=COnEQaiDDss>

# Knowledge Elicitation & Application

<https://www.youtube.com/watch?v=ULbk1zyLk4k>

# Knowledge acquisition in expert System | Knowledge Engineering |knowledge Engineers

<https://www.youtube.com/watch?v=cP60n_F--7s>

# Meta-knowledge | Wikipedia audio article

<https://www.youtube.com/watch?v=ewN4egHWIac>

# Meta Knowledge - Lanes and Roles

<https://www.youtube.com/watch?v=sg5AEE4qhBg>

# MYCIN EXPERT SYSTEM || Artificial Intelligence

<https://www.youtube.com/watch?v=s9wIeS6wnNU>

# MYCIN in AI [#ssmvlectures](https://www.youtube.com/hashtag/ssmvlectures) [#AI](https://www.youtube.com/hashtag/ai) [#msccomputer](https://www.youtube.com/hashtag/msccomputer) [#durguniversity](https://www.youtube.com/hashtag/durguniversity)

<https://www.youtube.com/watch?v=4s-t20VTH7U>

# MYCIN 1st Medical Expert System 1970 Beats All The Human Doctors

<https://www.youtube.com/watch?v=HtE9_nlVxGc>