



### Minutes of Meeting

Course:- Artificial Intelligence (CS 30002)  
Course Coordinator:- Dr.Mainak Bandyopadhyay

Date :- 13/03/25

The following are the key points of the meeting:-

1. The post mid semester syllabus of the A.I course is discussed .
2. As par the discussion among the esteemed committee members due to limited number of lectures some topics have been removed for the post mid semester syllabus.
3. The updated topics to be covered is as follows:-

5. Knowledge Representation .	1. Basic of Proposition Logic , Truth Tables ,Atomic Sentences, Complex Sentences, Quantifiers , Connectives. 2. First Order Predicate Logic. 3. Unification. <del>4. Forward Chaining and Backward Chaining.</del> 5. Resolution. 6. Logical Agents (Knowledge-based agents, the Wumpus World, entailment, inference, sound and complete inference algorithms, propositional logic, various inference procedures such as model checking.)  <b>ACTIVITY-4 [6 marks]</b> <b>(Must be conducted by 15.03.2024 covering Module no. 5 prior to Mid Semester Exam)</b> <u><b>NOTE:</b> 50% of Activities marks i.e. 15 marks to be announced to students before AI mid semester exam</u>	5 (4 Days)	28-32
6. Planning	1. Planning with state-space search. 2. Partial-order planning. <del>3. Planning graphs.</del> <del>4. Planning and acting in the real world.</del> <del>5. Plan generation systems.</del>	2 (1 Day)	33-35
7.Probabilistic Reasoning.	1. Uncertainty and Review of probability. <del>2. Probabilistic Reasoning.</del> 3. Bayesian networks. 4.Inferences in Bayesian networks. <del>5. Temporal models and Hidden Markov models.(Self Study)</del>	2 (1 Day)	36-37

	<b>ACTIVITY-5 [6 marks]</b> <b>(Must be conducted by 25.03.2025 covering Module nos. 5, 6 and 7)</b>		
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