



Subject	Artificial Intelligence	17CS562
<b>COURSE OUTCOMES</b>		
CO No.	On completion of this course, students will be able to:	RBT Level / Cognitive Level
17CS562.1	Identify the problems where AI is required and the different methods and techniques available.	L2 Understand
17CS562.2	Understand the issues in knowledge representations.	L2 Understand
17CS562.3	Understand the concept of reasoning and various learning techniques.	L2 Understand
17CS562.4	Understand the concept of slot and filler structures.	L2 Understand
17CS562.5	Applying AI for game playing natural language processing and expert systems.	L3 Apply

**CO-PO-PSO MAPPING**

CO No.	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO 10	PO 11	PO1 2	PSO1	PSO 2	PSO 3
17CS562.1	2	2	-	-	-	-	-	-	-	-	-	-	2	-	-
17CS562.2	-	-	-	2	-	-	-	-	-	-	-	-	2	-	-
17CS562.3	-	-	1	-	-	-	-	-	-	-	-	-	2	-	-
17CS562.4	-	1	2	-	-	-	-	-	-	-	-	-	2	-	-
17CS562.5	-	-	-	2	-	1	-	-	-	-	-	1	2	-	-
<b>17CS562</b>	<b>2.0</b>	<b>1.5</b>	<b>1.5</b>	<b>2.0</b>		<b>1.0</b>						<b>1.0</b>	<b>2</b>	-	-

**CO-PO-PSO JUSTIFICATION**

CO No.	PO/PSO	CL	Justification
17CS562.1	PO1	2	Moderately mapped as students are able to apply engineering Knowledge to identify problems where AI is required.

	PO2	2	Moderately mapped as students are able to apply computer engineering principles with required applicability and performance to Identify knowledge constraints for required performance criteria.
	PSO1	2	Moderately mapped as students are able to apply information acquired from the fundamentals of problem solving.
17CS562.2	PO4	2	Moderately mapped as students are able to demonstrate an ability to conduct investigations of technical issues consistent with their level of knowledge and understanding
	PSO1	2	Moderately mapped as students are able to acquired knowledge which helps to provide novel approaches to design of good representations.
17CS562.3	PO3	1	Slightly mapped as students are able to demonstrate an ability to generate a diverse set of alternative design solutions
	PSO1	2	Moderately mapped as students are able to infer acquired knowledge that helps to provide novel approaches to understand reasoning process.
17CS562.4	PO2	1	Slightly mapped as students are able to identify existing solution/methods to solve the problem, including forming justified approximations and assumptions Compare and contrast alternative solution/methods to select the best methods.
	PO3	2	Moderately mapped as students are able to demonstrate an ability to generate a diverse set of alternative design solutions
	PSO1	2	Moderately mapped as students are able to infer information acquired from the fundamentals of slot and filler structures.
17CS562.5	PO4	2	Moderately mapped as students are able to demonstrate an ability to conduct investigations of technical issues consistent with their level of knowledge and understanding
	PO6	1	Slightly mapped as students are able to identify and describe various engineering roles particularly as pertains to protection of the public and public interest at global, regional and local level of expert system
	PO12	1	Slightly mapped as students are able to demonstrate an ability to identify changing trends in engineering knowledge and practice
	PSO1	2	Moderately mapped as students are able to infer information acquired from the fundamentals of applying AI game playing and expert systems.

**Prepared by:**

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**Approved by:**

**(H.o.D)**