(As per Choice l (Effective fr	om the academi	stem (CBCS) scheme c year 2016 -2017)		
Subject Code	SEMESTER 15CS562			
Number of Lecture Hours/Week		IA Marks	20	
Total Number of Lecture Hours	40	Exam Marks	80	
Tetal Number of Eccure Hours	CREDITS -	Exam Hours	03	
Course objectives: This course will	enable students	to.		
 Identify the problems where Compare and contrast difference Define and explain learning 	AI is required ar ent AI techniques	nd the different methods	s availa	ible
Module – 1				Teaching Hours
What is artificial intelligence?, Prol search technique	blems, Problem	Spaces and search, Het	ıristic	8 Hours
TextBook1: Ch 1, 2 and 3				
Module – 2 Knowledge - Danman de de				
Knowledge Representation Issu knowledge using Rules,	es, Using Prec	licate Logic, Represe	nting	8 Hours
TextBoook1: Ch 4, 5 and 6.				
Module – 3				
Symbolic Reasoning under Uncerta	ainty Statistical	reasoning Week Clas		
Filter Structures.	anity, Statistical	reasoning, weak Stor	and	8 Hours
FextBoook1: Ch 7, 8 and 9.				
Module – 4				
Strong slot-and filler atmestures C				
dening stot-and-titler structures, Gan	ne Playing.			8 Hours
FextBoook1: Ch 10 and 12	ne Playing.			8 Hours
Strong slot-and-filler structures, Gan FextBoook1: Ch 10 and 12 Module – 5			J	8 Hours
FextBoook1: Ch 10 and 12 Module – 5 Natural Language Processing, Learni		ms.		
TextBoook1: Ch 10 and 12 Module – 5 Natural Language Processing, Learni TextBook1: Ch 15,17 and 20	ng, Expert Syste	ms.		8 Hours
TextBoook1: Ch 10 and 12 Module – 5 Natural Language Processing, Learni TextBook1: Ch 15,17 and 20 Course outcomes: The students show	ng, Expert Syste	ms.		
FextBook1: Ch 10 and 12 Module – 5 Natural Language Processing, Learni FextBook1: Ch 15,17 and 20 Course outcomes: The students show Identify the AI based problem	ng, Expert Syste	ms.		
TextBook1: Ch 10 and 12 Module – 5 Natural Language Processing, Learni TextBook1: Ch 15,17 and 20 Course outcomes: The students show Identify the AI based problem Apply techniques to solve the	ing, Expert Systemald be able to:			
FextBook1: Ch 10 and 12 Module – 5 Natural Language Processing, Learni FextBook1: Ch 15,17 and 20 Course outcomes: The students show Identify the AI based problem Apply techniques to solve the Define learning and explain versions.	ing, Expert Systemald be able to:			
FextBook1: Ch 10 and 12 Module – 5 Natural Language Processing, Learni FextBook1: Ch 15,17 and 20 Course outcomes: The students shou Identify the AI based problem Apply techniques to solve the Define learning and explain via Discuss on expert systems	ing, Expert Systemald be able to:			
FextBook1: Ch 10 and 12 Module – 5 Natural Language Processing, Learni FextBook1: Ch 15,17 and 20 Course outcomes: The students show Identify the AI based problem Apply techniques to solve the Define learning and explain values on expert systems Question paper pattern:	ing, Expert Systemald be able to: ns AI problems arious learning to			
FextBook1: Ch 10 and 12 Module – 5 Natural Language Processing, Learni FextBook1: Ch 15,17 and 20 Course outcomes: The students show Identify the AI based problem Apply techniques to solve the Define learning and explain verified to be a compared to the course on expert systems Question paper pattern: The question paper will have TEN question paper will be TWO questions from each of the course of	ang, Expert Systemald be able to: as Al problems arious learning to estions.	echniques		
TextBook1: Ch 10 and 12 Module – 5 Natural Language Processing, Learni TextBook1: Ch 15,17 and 20 Course outcomes: The students show Identify the AI based problem Apply techniques to solve the Define learning and explain values on expert systems Question paper pattern: The question paper will have TEN question paper will have guestions covered as the question will have questions covered as the procession of the paper will have guestions covered as the question will have questions covered as the procession of the paper will have questions covered as the procession of the paper will have questions covered as the procession will have questions covered as the procession of the paper will be the paper w	ang, Expert Systemald be able to: as Al problems arious learning to estions. ach module.	echniques		8 Hours
TextBook1: Ch 10 and 12 Module – 5 Natural Language Processing, Learni TextBook1: Ch 15,17 and 20 Course outcomes: The students show Identify the AI based problem Apply techniques to solve the Define learning and explain volumes on expert systems Question paper pattern: The question paper will have TEN question paper will have questions cover the students will have questions cover the students will have to answer FIV	ang, Expert Systemald be able to: as Al problems arious learning to estions. ach module.	echniques		8 Hours
FextBook1: Ch 10 and 12 Module – 5 Natural Language Processing, Learni FextBook1: Ch 15,17 and 20 Course outcomes: The students show Identify the AI based problem Apply techniques to solve the Define learning and explain very consistent paper pattern: The question paper will have TEN question paper will have TEN question will be TWO questions from each question will have questions cover the students will have to answer FIV module.	ang, Expert Systemald be able to: as Al problems arious learning to estions. ach module.	echniques		8 Hours
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TextBook1: Ch 10 and 12 Module – 5 Natural Language Processing, Learni TextBook1: Ch 15,17 and 20 Course outcomes: The students show Identify the AI based problem Apply techniques to solve the Define learning and explain values on expert systems Question paper pattern: The question paper will have TEN question paper will have TEN question questions from each question will have questions cover the students will have to answer FIV module. Text Books:	ang, Expert Systemald be able to: as AI problems arious learning to estions. ach module. yering all the topic full questions,	echniques ics under a module. selecting ONE full ques elligence, 3/e, McGraw	stion fr	8 Hours

- Dan W. Patterson, Introduction to Artificial Intelligence and Expert Systems Prentice Hal of India.
- G. Luger, "Artificial Intelligence: Structures and Strategies for complex problem Solving", Fourth Edition, Pearson Education, 2002.
- 3. Artificial Intelligence and Expert Systems Development by D W Rolston-Mc Graw hill.
- N.P. Padhy "Artificial Intelligence and Intelligent Systems", Oxford University Press-2015

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