

## Autonomous and recognized under 2(F) and 12(B) by UGC

Recognized by AICTE, permanently affiliated to JNTUK Kakinada Accredited by NAAC with 'A' Grade (2<sup>nd</sup> Cycle)

Seetharamapurm, Narsapur – 530280 (Andhra Pradesh)

## DEPARTMENT OF INFORMATION TECHNOLOGY TEACHING PLAN

Course Code	Course Title	Semester	Branch	Contact Periods/ Week	Academic Year	Date of commencement
20IT6S01	Artificial Intelligence Lab	VI	IT	3	2022-23	12-12-2022
COURSE O	UTCOMES					-
1	Understand the concept of Artificial intelligence.					
2	Apply various search algorithms of artificial intelligence.					
3	Apply knowledge representation and reasoning techniques.					
4	Understand & apply different types of machine learning and models.					
Experiment Number	Experiment					Contact Hours
1	Write a program in prolog to implement simple facts and Queries					3
2	Write a program in prolog to implement simple arithmetic					3
3	Write a program in prolog to solve Monkey banana problem					3
4	Write a program in prolog to solve Tower of Hanoi					3
5	Write a program in prolog to solve 8 Puzzle problems					3
6	Write a program in prolog to solve Traveling salesman problem					3
7	Write a python program to implement simple Chatbot					3
8	Write a python program to implement Breadth First Search Traversal					3
9	Write a python program to implement Depth First Search Traversal					3
10	Write a python program to implement Water Jug Problem					3



II

Faculty



nent

## Swarnandhra College of Engineering & Technology

Autonomous and recognized under 2(F) and 12(B) by UGC

Recognized by AICTE, permanently affiliated to JNTUK Kakinada Accredited by NAAC with 'A' Grade (2<sup>nd</sup> Cycle)

Seetharamapurm, Narsapur - 530280 (Andhra Pradesh)

11	Write a program to implement Tic-Tac-Toe game using python.	3
12	Write a program to implement Missionaries and Cannibals problem using python.	
	Cumulative Proposed Periods	36

		Name	Signature with Date
i	Faculty	Mr. Ch R K Raju	det n/12/22
	Module Coordinator	Dr. RVVSV Prasad	Rosopierd
i	Programme Coordinator	Dr. RVVSV Prasad	Rusopierd Persopierd Persopierd
		1	12/12/22

Principal