



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 (2nd Cycle)

Seetharamapuram, Narsapur – 530280 (Andhra Pradesh)

DEPARTMENT OF INFORMATION TECHNOLOGY

TEACHING PLAN

Course Code	Course Title	Semester	Branch	Contact Periods/ Week	Academic Year	Date of commencement
20CC5L01	Artificial Intelligence Lab	V	CSE-CS	3	2024-25	05-06-2024

COURSE OUTCOMES

1	Outline the concept of Artificial intelligence.	
2	.Apply various search algorithms of artificial intelligence.	
3	Examine the knowledge representation and reasoning techniques..	
4	Apply different types of techniques to solve the traditional computational problems.	
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



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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.	3
Cumulative Proposed Periods		36

		Name	Signature with Date
i	Faculty	Mr. K Raja	K. Raja
ii	Module Coordinator	Mr. K Raja	K. Raja
iii	Programme Coordinator	Dr. RVVSV Prasad	Dr. RVVSV Prasad


Principal