

BCAI551 ARTIFICIAL INTELLIGENCE LAB		
Course Outcome (CO)		Bloom's Knowledge Level (KL)
At the end of course, the student will be able to		
CO 1	Use of python to understand the concept of AI	K ₃
CO 2	Implementation of Different AI Techniques	K ₄ , K ₅
CO 3	Application of AI techniques in practical Life	K ₄
CO 4	Understanding of Natural Language Tool Kit.	K ₂
CO 5	Practical Application of Natural Language Tool Kit	K ₄ , K ₅
DETAILED SYLLABUS		
1. Write a python program to implement Breadth First Search Traversal? 2. Write a python program to implement Water Jug Problem? 3. Write a python program to remove punctuations from the given string? 4. Write a python program to sort the sentence in alphabetical order? 5. Write a program to implement Hangman game using python. 6. Write a program to implement Tic-Tac-Toe game using python. 7. Write a python program to remove stop words for a given passage from a text file using NLTK? 8. Write a python program to implement stemming for a given sentence using NLTK? 9. Write a python program to POS (Parts of Speech) tagging for the give sentence using NLTK? 10. Write a python program to implement Lemmatization using NLTK? 11. Write a python program to for Text Classification for the give sentence using NLTK		
Note: The Instructor may add/delete/modify/tune experiments		