|  |
| --- |
| **Department of CSE-AI&ML** |
|  | **ARTIFICIAL INTELLIGENCE LAB** |
| **BCAI551** | **Bloom’s Knowledge Level (KL)** |
| **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  | K3 |
| CO 2  | Implementation of Different AI Techniques  | K4, K5 |
| CO 3  | Application of AI techniques in practical Life  | K4 |
| CO 4  | Understanding of Natural Language Tool Kit.  | K2 |
| CO 5  | Practical Application of Natural Language Tool Kit  | K4, K5 |
| **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 |
| **VALUE ADDED:-** 1. Sentiment Analysis of the given text. 2. Predict emotion of customer towards product by review analysis.  |