

Subject Code	Subject Name	Credits
26CS652	ADVANCED AI LAB	2

**Objective:**

To provide practical exposure to fundamental concepts of Artificial Intelligence through programming exercises. To develop problem-solving and programming skills using basic algorithms and data structures.

1. Write a program to implement simple Chat bot.
2. Write a program to Implement of Towers of Hanoi Problem.
3. Write a Program to Implement Breadth First Search.
4. Write a Program to Implement Depth First Search.
5. Write a program to implement Hill Climbing Algorithm.
6. Write a program to implement A\* Algorithm.
7. Write a program to implement Tic-Tac-Toe game.
8. Write a program to implement Water Jug Problem.

*Students are required to perform and record at least eight experiments in the laboratory manual as part of the course requirements.*

