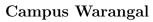
## SR UNIVERSITY





Program: II - B.Tech (CS& AI)

Professor(a): Dr. Venkataramana Veeramsetty, Professor

Department: Computer Science and AI Semester: I

AI Assisted Coding - Lab Test 1 - Set A

## Instructions:

1- Use AI Tools like VScode+Github Copilot and Cursor AI for code generation

- 2- This Assignment will be evaluated for 15 Marks (10 Marks for Tasks and 5 Marks for viva based on regular lab activities)
- 3- Students need to submit assignment through canvas before due date
- 4- Students who are absent for lab will receive 0 Marks
  - 1. Write a Python code to calculate the sum of odd and even numbers in a given list using GitHub Copilot along with VS Code. Use zero shot prompting
  - 2. Write a Python code for given a list of integers, remove duplicates and print the sorted result. GitHub Copilot along with VS Code. Use one shot prompting.
  - 3. Write a Python function that converts the temperature between Celsius, Fahrenheit, and Kelvin based on user choice. Use the Cursor AI tool. Use few shot prompting.
  - 4. Write a Python function to remove punctuation, convert to lowercase, and remove stop words from a given text. Use the Cursor AI tool. Use zero shot prompting.

**Date:** 2025-08-14