

# **Lab Assignment-4**

**Submission Deadline: 13th March, 2022**

In this assignment, you have to implement the AES encryption algorithm. The final output of this assignment is to display the avalanche effect of AES using the example provided in the textbook. The project is divided into three parts:

- (a) Implementation of round functions.
- (b) Expand the given key.
- (c) Display the avalanche effect using the plaintext and key values used in the book.