

Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat
Department of Computer Science and Engineering
B.Tech III (Semester VI)
Information Security and Cryptography- CS302

Lab Assignment 4

- 1) Design and implement a program to perform encryption and decryption using the Playfair Cipher with both a 5x5 and a 6x6 matrix. Consider the following inputs for the program.
 - a) Input1 – key phrase, Generate key matrix
 - b) Input2 – plain text, arrange into valid digrams
 - c) Output – print Key matrix, print plain txt, and encrypted output
 - d) For decryption – Input2 is cipher txt, no need to rearrange, output plain txt, remove padding