Walchand College of Engineering, Sangli

Computer Science & Engineering

Third Year

Course: Design and analysis of algorithm Lab (3CS351)

Lab course coordinator:

Mrs A M Chimanna- Batch: - T1, T2, T3,T4

**Week 4 Assignment**

Part: 2

**Divide and conquer strategy**

**Strassen’s Matrix Multiplication**

1. **Implement Naive method multiply two matrices and Justify complexity is o(n3)**
2. **Implement Strassen’s matrix multiplication for 3\*3 matrix.**

**Do analysis of algorithm with respect to time complexity.**