Department of Information Technology

Academic Year: 2020-21   **Semester: V**

Class / Branch: TE IT

Subject: Advanced Data Structures and Analysis of Algorithms

Reference Books

Text Books:

1. Introduction to ALGORITHMS, Cormen, Leiserson, Rivest, Stein, PHI.

2. Algorithms: Design and Analysis, Harsh Bhasin, OXFORD.

3. Fundamentals of Computer Algorithms, Horowitz, Sahani, Rajsekaran, Universities Press.

4. C and Data structures, Deshpande, Kakde, Dreamtech Press.

Reference Books:

1. Data Structures and Algorithms in C++, Goodritch, Tamassia, Mount, WILEY.

2. Data Structures using C, Reema Thareja, OXFORD.

3. Data Structures and Algorithm Analysis in C, Mark A. Weiss, Pearson.