Department of Information Technology

(B.Tech. III Semester)

Course Name BIT2305: Data Structures

BIT2305	Course Outcomes
BIT2305.1	**Analyze** the average, best, worst case in terms of space and time complexity.
BIT2305.2	**Describe** appropriate data structures and algorithms, understand the ADT/libraries, and use it to design algorithms for a specific problem by using various sorting techniques.
BIT2305.3	**Illustrate** expertise in algorithmic analysis and algorithm design techniques with respect to stacks & queues.
BIT2305.4	**Analyze** and select algorithm design approaches in a problem specific manner using Linked List
BIT2305.5	**Evaluate** with analysis of efficiency and proofs of correctness for graphs and trees as a data structure