

SUBJECT NO-MA29005, SUBJECT NAME- Design & Analysis of Algorithms Lab.

LTP- 0-0-3,CRD- 2

SYLLABUS :-

Prerequisite: Design & Analysis of Algorithms

Binary Search Tree, Tree traversals. Sorting Algorithms : Selection sort, Insertion sort, Heap sort, Merge sort, Quick sort; Shortest path algorithms : Kruskal, Prim's, Dijkstra, Floyd -Warshall, Bellman-Ford; Graph Traversal: DFS, BFS; Back Tracking, Dynamic Programming. Height Balanced Tree.