

Course Contents of Data Structures

- Introduction to the Data Structure.
- Array.
- Structure.
- Pointer.
- Link List.
 - Single Link List
 - Single Circular Link List
 - Double Link List
 - Double Circular Link List
- Stack.
 - Static Stack
 - Dynamic Stack
- Queue.
- Sorting
 - Selection Sort
 - Insertion Sort
 - Bubble Sort
- Quick Sort
- Merge Sort
- Heap Sort
- Tree
- B- Tree
- Binary Search Tree
- AVL Tree
- Traversal (Pre order, In order, Post order)
- Graph
- DFS (Depth First Search)
- BFS