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
- Marge Sort
- Heap Sort
- Tree
- B- Tree
- Binary Search Tree
- AVL Tree
- Traversal (Pre order, In order, Post order)
- Graph
- DFS (Depth First Search)
- BFS