

# **Takshshilaa College, Vadodara**

**ASSIGNMENT-1**

**S.Y.B.C.A- 3<sup>rd</sup> SEM**

## **DATA STRUCTURE**

**Subject code=304**

**Date: 2/8/2013**

**Submission Date: 13/8/2013**

- 1) Write a program of Traversing of array.**
- 2) Write a program of Insertion of array.**
- 3) Write a program of Deletion of array.**
- 4) Write a program of Matrix using array.**
- 5) Write a program of Stack operation.(i.e push,pop,& display)**
- 6) Write a program of Factorial of n number using Recursion.**
- 7) Write a program of Summation of n number using Recursion.**
- 8) Write a program of Fibonacci series for n number using Recursion.**
- 9) Write a program of Reverse string using Recursion.**
- 10) Write a Menu-driven program of Simple Queue using array. (I.e. insert, delete & display)**
- 11) Write a Menu-driven program of Circular queue using array. (I.e. insert, delete & display)**
- 12) Write a Menu-driven program of Double-ended Queue using array. (I.e. insert, delete & display)**