MARIS STELLA COLLEGE, VIJAYAWADA-8
(An autonomous college affiliated to Krishna University)

Department of Computer Science

Practical : II

Semester : III

Title : C++ and DS Lab

C++ WITH DS LAB CYCLE

1. Program to check whether the given number is prime number or not.

2. Program to check whether the given number is Armstrong number or not.

3. Program on Merge Sort

4. Program on Heap Sort

5. Program to display Stack using Arrays.

6. Program to display Queue using Arrays.

7. Program to display Towers of Hanoi using Recursion

8. Program to display Single Linked List using Classes.

9. Program to display Stack using Linked List.

10. Program to display Queue using Linked List.

11. Program to display Doubly Linked Lists using Classes

12. Program on Linear Search using Classes.

13. Program on Binary Search using Classes.

14. Program on Selection Sort using Classes.

15. Program on Insertion Sort using Classes.

16. Program on Quick Sort using Classes.