**Modern Education Society’s**

**College of Engineering, Pune**

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| **NAME OF STUDENT: CLASS:** |
| **SEMESTER/YEAR: ROLL NO:** |
| **DATE OF PERFORMANCE: DATE OF SUBMISSION:** |
| **EXAMINED BY: EXPERIMENT NO:** |

###### TITLE : Implemention of **SORT AND SEARCH aLGORITHM** using stl.

**PROBLEM STATEMENT :**  Write C++ program using STL for sorting and searching user defined records such as personal records (Name, DOB, Telephone number etc) using vector container.

### **OBJECTIVES:**

1. Provide programming insight using OOP constructs.
2. To lay a foundation for STL programming.

### **OUTCOMES:**

1. Develop programming application using object oriented programming language C++.
2. Analyze the strengths of object oriented programming.

**PRE-REQUISITES:**

* 1. Knowledge of template.
  2. Knowledge of Standard Template Library

**APPARATUS:**

**QUESTIONS:**

1. What is STL and what are the components of it. Explain them.
2. What is Sequence Container and explain the List & Vector in detail with its functions.