

**Modern Education Society's
Wadia College of Engineering, Pune**

NAME OF STUDENT:	CLASS:
SEMESTER/YEAR:	ROLL NO:
DATE OF PERFORMANCE:	DATE OF SUBMISSION:
EXAMINED BY:	EXPERIMENT NO: C1

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:

1. OS: Ubuntu 18.04.2 LTS
2. Processor: Intel® Core™ i7-4790S CPU
3. Graphics: GeForce GT 610/PCIe/SSE2
4. Storage: 500 GB
5. Text Editor: gedit
6. Compiler: GNU C++ Compiler (g++)
7. Terminal

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.