VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI – 590 018

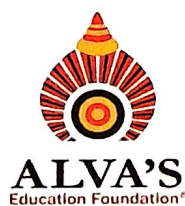A MICRO PROJECT REPORT ON

"VARIOUS SORTING TECHNIQUES"

Submitted By,

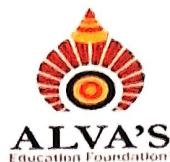|	
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Under the Guidance of

Mrs. Shruthi Shetty J

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
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2020 – 2021

ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

CERTIFICATE

This is to certify that the Micro-Project entitled **"VARIOUS SORTING TECHNIQUES"** has been Successfully Completed

By

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The bonafide students of **Department of Computer Science & Engineering, Alva's Institute of Engineering and Technology,** affiliated to VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI, during the academic year 2020–2021. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report. The report has been approved as it satisfies the academic requirements in respect of Micro-Project work prescribed for Bachelor of Engineering.

Mrs. Shruthi Shetty J
Micro Project Guide

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ABSTRACT

In computer science, a sorting algorithm is an algorithm that puts elements of a list into an order. The most frequently used orders are numerical order and lexicographical order, and either ascending or descending. ... Sorting is also often useful for canonicalizing data and for producing human-readable output. Sorting is the process of arranging the elements of an array so that they can be placed either in ascending or descending order. The goal of the project is the implement a simple GUI for performing the different sorting Technique such as insertion sort, bubble sort and selection sort.