

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY,
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**A MICRO PROJECT REPORT ON
“SEARCHING ALGORITHMS USING JAVA”**

Submitted By,

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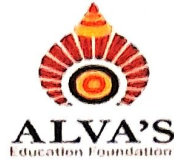
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ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

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CERTIFICATE

This is to certify that the Micro-Project entitled **“SEARCHING ALGORITHMS USING JAVA”** has been Successfully Completed

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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.

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ABSTRACT

Searching Algorithms are designed to check for an element or retrieve an element from any data structure where it is stored. Based on the type of search operation, these algorithms are generally classified into two categories such as Sequential Search and Interval Search. The aim of this project is to develop an application which performs these searching operations such as linear search, binary search. The front end contains 2 buttons, one for linear search and the other for binary search.