VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI – 590 018

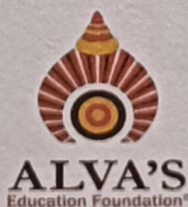## A MINI PROJECT REPORT ON

"CHESS APPLICATION"

BY

SRI HARSHITH	**4AL21CS165**
SUSHMA	**4AL21CS166**
TEJASWINI VENKATESH GUDIGAR	**4AL21CS167**
TAGORE SREEVAN	**4AL21CS168**

Under the Guidance of

Mrs. Deeksha M

Sr. Assistant Professor

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

MOODBIDRI-574225, KARNATAKA

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ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY MIJAR, MOODBIDRI D.K. -574225 KARNATAKA

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

CERTIFICATE

This is to certify that, Mini project for the subject **"Mini Project (21CSMP67)"** has been successfully completed and report submitted by **Sri Harshith (4AL21CS165),** during the academic year 2023– 2024. It is certified that all corrections/suggestions indicated presentation session have been incorporated in the report and scored_____91_____Marks out of 100.

Mrs. Deeksha M

Sr.Assistant Professor

ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY MIJAR, MOODBIDRI D.K. -574225 KARNATAKA

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

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Mrs. Deeksha M

Sr.Assistant Professor

ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY MIJAR,
MOODBIDRI D.K. -574225 KARNATAKA

ALVA'S
Education Foundation

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

CERTIFICATE

This is to certify that, Mini project for the subject **"Mini Project (21CSMP67)"** has been successfully completed and report submitted by **Tejaswini Venkatesh Guidgar (4AL21CS167),** during the academic year 2023– 2024. It is certified that all corrections/suggestions indicated presentation session have been incorporated in the report and scored _96_ Marks out of 100.

Mrs. Deeksha M

Sr.Assistant Professor

ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY MIJAR, MOODBIDRI D.K. -574225 KARNATAKA

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

CERTIFICATE

This is to certify that, Mini project for the subject "**Mini Project (21CSMP67)**"has been successfully completed and report submitted by **Tagore Sreevan (4AL21CS168),** during the academic year 2023– 2024. It is certified that all corrections/suggestions indicated presentation session have been incorporated in the report and scored___94___Marks out of 100.

Mrs. Deeksha M

Sr.Assistant Professor

ABSTRACT

This project presents the development of an innovative Android Chess App, designed to address common shortcomings found in existing mobile chess applications. By integrating AI-driven move suggestions, the app aims to enhance players' strategic thinking and improve their chess skills. Developed using Android Studio and Java, the app offers a user-friendly interface that caters to both novice and experienced players. Key features include real-time AI analysis, strategic insights, and a seamless user experience optimized for a wide range of Android devices. This project highlights the potential of leveraging artificial intelligence to provide interactive learning tools that make chess more accessible and engaging. Through rigorous testing and feedback, the app demonstrates significant improvements over traditional mobile chess applications, positioning itself as a valuable resource for chess enthusiasts seeking to enhance their gameplay.