VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI - 590018

A PROJECT REPORT ON

"PREDCTING STUDENT PERFORMANCE USING MACHINE LEARNING"

Submitted in partial fulfillment for the award of Degree of,

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE & ENGINEERING

By

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ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

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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 the project entitled **"PREDCTING STUDENT PEFORMANCE USING MACHINE LEARNING"** 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** of the **VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI** during the year 2020–2021. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the Bachelor of Engineering Degree.

Ms. Shruthi Shetty J	**Dr. Manjunath Kotari**	**Dr. Peter Fernandes**
Project Guide	**Head of the department**	**Principal**

Name of the Examiners   Signature with Date

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ABSTRACT

The application of machine Learning have huge impact in teaching and learning for further improvement in learning environment in higher education. Due to the interest of students in online and digital courses increased rapidly websites such as Course Era, Udemy etc became very influential. We implement the new applications of machine learning in teaching and learning considering the students background, students past academic score and considering other attributes. As the sizes of classes are large, it would be difficult to assist each individual student in each open learning course, this an increase the bar of the dropout rate at the end of the course. After prediction course being allotted we are implementing linear regression which is a machine learning algorithm to predict the student's performance in academics.