

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY,
BELAGAVI – 590 018**



A MICRO PROJECT REPORT ON

“SIMPLE INTEREST AND COMPOUND INTEREST”

Submitted By,

SHRAVYA SHETTY

4AL19CS088

SHREYAS H

4AL19CS089

SHREYAS M

4AL19CS090

SHRUNGA G S

4AL19CS091

SINDHU R

4AL19CS092

Under the Guidance of

Mrs. Shruthi Shetty J

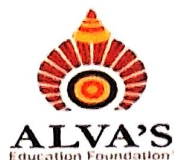
Assistant Professor



**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY
MOODBIDRI-574225, KARNATAKA**

2020 – 2021

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



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
CERTIFICATE

This is to certify that the Micro-Project entitled "**SIMPLE INTEREST AND COMPOUND INTEREST**" has been Successfully Completed

By

SHRAVYA SHETTY	4AL19CS088
SHREYAS H	4AL19CS089
SHREYAS M	4AL19CS090
SHRUNGA G S	4AL19CS091
SINDHU R	4AL19CS092

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
MicroProject Guide

Dr. Manjunath Kotari,
HOD CSE
Dept. Of Computer Science & Engineering
Alva's Institute of Engg. & Technology
Mijar, MOOBBIDRI - 574 225

ABSTRACT

Simple interest applies mostly to short-term loans, such as personal loans. A simple-interest mortgage charges daily interest instead of monthly interest. When the mortgage payment is made, it is first applied to the interest owed. Any money that's left over is applied to the principal. compound interest (or compounding interest) is the interest on a loan or deposit calculated based on both the initial principal and the accumulated interest from previous periods. Thought to have originated in 17th-century Italy, compound interest can be thought of as "interest on interest," and will make a sum grow at a faster rate than simple interest, which is calculated only on the principal amount. The goal of the project is to create a java swing application which calculates both the simple and compound interest based on the user inputted data.