

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



A MICRO PROJECT REPORT ON

“NUMBER SYSTEM”

Submitted By,

SNEHA U B	4AL19CS093
SOUMYA ASHOK	4AL19CS094
SOUNDARYA S SIDDANAGOUDRA	4AL19CS095
SRINIDHI M	4AL19CS096
SUDARSHAN ULAHAS BAADKAR	4AL19CS097

Under the Guidance of

Mrs. Shruthi Shetty J

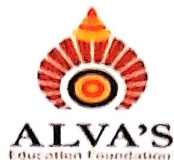
Assistant Professor



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

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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 Micro-Project entitled **"NUMBER SYSTEM"** has been
Successfully Completed

By

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SUDARSHAN ULAHAS BAADKAR	4AL19CS097

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, MOODBIDRI - 574 225

ABSTRACT

In a digital system, the system can understand only the optional number system. In these systems, digits symbols are used to represent different values, depending on the index from which it settled in the number system. In simple terms, for representing the information, we use the number system in the digital system. The digit value in the number system is calculated using: The digit, The index, where the digit is present in the number. Finally, the base numbers, the total number of digits available in the number system. We are developing an application which converts a binary number into its equivalent decimal number, hexadecimal number and octal number. The program is written using the swings and applets.