**MICROPROCESSOR EMULATOR**

**Project Report**

**Submitted In Partial Fulfillment of the Requirements**

**For the Degree Of**

**BACHELOR OF TECHONOLOGY**

**IN**

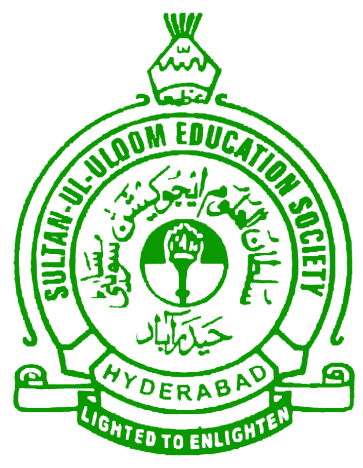
**COMPUTER SCIENCE AND ENGINEERING**

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**Mount Pleasant, 8-2-249, Road No. 3, Banjara Hills, Hyderabad-34**

**2017-18**



**MUFFALHAM JAH**

**COLLEGE OF ENGINEERING AND TECHNOLOGY**

**(Established by Sulthan-UL-Uloom Education Society in1980)**

**(Affiliated To Osmania University, Hyderabad)**

**(Approved By the AICTE & Accredited By NBA)**

**CERTIFICATE**

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**DECLARATION**

I hereby declare that the project entitled “**MICROPROCESSOR EMULATOR**” is a record of work done by us at **Muffa kham jah College and Institute of Technology**, Hyderabad under the guidance of **Mrs. Syeda ambareen Rana, Asst Professor**, Dept. of CSE submitted for the B.E (CSE) degree is my original work and the project has not formed the basis for the award of any other degree, diploma, fellowship or any other similar titles.

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**ACKNOWLEDGEMENT**

We would like to begin with **Mrs. Syeda ambareen Rana, Asst Professor**, Dept. of CSE for supervising and keeping up our confidence throughout the project. His efforts and endeavor in guiding and helping us for our project work have been extremely supportive. We truly appreciate and value his esteemed guidance from the beginning to the end of this project work.

We are highly grateful to **Ahmed Abdul Moiz Qyser.** The Head of Department, of Computer Science and Engineering, for the brainwave and encouragement given.

**Dr. Syed Shabbeer Ahmad**, **& Maniza Hijab** **(Project Coordinators) for** providing necessary facilities in the department his valuable suggestions and advices throughout the project work.

We specially acknowledge **IMTIIYAZ**, Final Year Student Dept. of CSE for his valuable suggestions and advices throughout the project work.

Last but not the least, we would like to thank the staff of Computer Science Engineering Department for constant support and place to work during project period .We would also like to extend our gratitude to our friends who are with us during every thick and thin. . We acknowledge our indebtedness to all of them.

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**SYNOPSIS**

**ABSTRACT:**

The project ***"Microprocessor Emulator"*** is an android application which is used to execute Microprocessor programs. This application provides simplest approach to type and execute microprocessor programs. This application also has some features like saving the code for future use, so as user can retrieve the code when needed. This application also has some basic as well as advance programs which helps users to learn Microprocessor.

The 8085 Microprocessor kit is a low-cost single board computer designed for self-learning the popular 8085 Microprocessor. The kit enables studying from low level programming with direct machine code entering to high level programming with PC tools easily. A nice feature, single-step running, helps students learn the operation of microprocessor instructions quickly and clearly. The user registers provide simple means to verify the code execution. Using a PC as the terminal, the kit can receive the Intel hex file and disassemble the machine code into 8085 instructions.

The main aim of this project is to reduce the difficulties in learning the microprocessor and execute the programs on their finger tips and to provide good GUI based design to implement various tasks associated. This project will be developed using Android (Java, XML).

**Objectives**:

To Run 8085 Microprocessor Programs

Type and Execute Programs on Finger Tips without using Kit

Automatically Generates Hex Code

**Technologies Used**:

Android Studio Tool

System/Laptop with Min 4GB RAM

**(A typical specimen of table of contents)**

\* includes full content from Project Synopsis as per the format given separately.

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