**ABSTRACT**

Many people think “**Block chain Technology”** may replace everything in the future. It is very important to know about the Block chains. The main aim of this project is to show the demonstration of working of Blockchain. This project demonstrates the basics of the Blockchain and it’s working, the project completely uses graphics and has been done using OpenGL. The code used in the program is very simple. We can easily understand the working of Blockchain by seeing the output of this project.

Minimum code is written to show the animation so that the programmers can easily understand the source code as well. In the future I will distribute the code as open source code and anyone can modify the project easily. I have ensured the minimum use of functions and maximum code reuse. I Have used some inbuild OpenGL functions to draw some primitives. There are some primitives which are drawn only using OpenGL user defined functions. 3D and 2D concepts are used based on requirement of the demonstration. Code written is dynamic in nature and behaves according to the user inputs and behaviour. Output window of the OpenGL is completely interactive. Follow the instruction given in the screen to run the project according to user’s comfort. Using the techniques learned, I have tried to make the most efficient code.