**ABSTRACT**

Computer Graphics is concerned with all aspects of producing pictures or images using a computer. Using computer graphics, we can create images computers that are indistinguishable

from photographs of real objects. We are implementing our project using a particular graphics software system OPENGL. OpengGL is strictly defined as “a software interface to graphics hardware.” In essence, it is a 3D graphics and modeling library that is extremely portable and very fast.

Using OpenGL, you can create an elegant and beautiful 3D graphics with nearly the visual quality. OpenGL is intended for use with computer hardware that is design and optimized for the display and manipulation of 3D graphics. OpenGL is used for a variety of purposes, from CAD engineering and architectural applications to computer-generated dinosaurs in blockbuster movies.

The development of this project would improve the user’s knowledge about computer graphics and OpenGL. This project provides good understanding of openGL prominent functions. Keeping the factors of usability in mind we have developed this project to provide ease of use. OpenGL remains the standard programmer’s interface both for writing application programs and developing high-level products for multiplatform applications. This project will allow user to interact with it through the use of device like keyboard. This project will demonstrate the detachment of Tower of Hanoi in OpenGL. Our project has detail information about plan in our project the program described uses OpenGL to render a three-dimensional Tower of Hanoi which can be operated through keyboard.

This is a project mainly concern with 3D graphics implementation.