

Progressive Education Society's Modern College of Engineering, Pune-05.

**DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE**

217523-OOP and Computer Graphics Laboratory

Second Year [Semester-III]

Academic Year-2022-2023

Mini Project-Synopsis

1. **Team Members :**
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6. **Tile of the Mini Project**

**Bit-Paint**

1. **Problem Definition**

This program is a simple paint tool which is similar to the Paint of Microsoft. It is written in the language C++ with OpenGL/GLUT.

1. **Introduction**

Design and implementation of a simple Grastphics Editor. This is paint like computer graphics with opengl which able to draw like paint in windows and save, as well as open the file. Simple drawing with set of colors and the brushes. This Program used many of the OpenGL functions.

1. **Hardware & Software Requirement**

Operating System : Windows 7/8/10

Processor : Any

CPU : Any

GPU that is compatible with OpenGL 3.2 : Integrated graphics cards Intel HD 4000 or above

Software Requirement : C ++

Memory : 60 megabytes more for the installing Dev C++ IDE.

1. **Conclusion**

**Finally we are able to produce an application that would allow us to draw images using several options provided.**

1. **References/Bibliography**

Interactive computer graphics with OpenGL , 2nd Edition, Edward Angel.

OpenGL reference site : http://www.opengl.org/