



## **Project Proposal On**

### **2D Animation video of Signal Generator**

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## **Introduction:**

A signal generator is a device used to generate electrical signals of different frequencies, waveforms, and amplitudes. It is an essential tool for engineers, technicians, and scientists for testing and designing electronic circuits and systems. The purpose of this project is to create a 2D animation video that explains the basic concepts and workings of a **signal generator**.

## **Objectives:**

- To educate the audience about the fundamental principles of signal generators.
- To illustrate how signal generators are used to generate different types of signals.
- To provide a visual representation of the various components and settings of a signal generator.
- To create a comprehensive and engaging video that can be used as a teaching resource for multimedia courses.
- To demonstrate the skills and knowledge gained in the multimedia course, including 2D animation, video production, and audio design.

**Project Time Frame:** About 1 minute 30 seconds.

## **Probable Tools to be used:**

- Kdenlive
- Blender