Abstract

The scope of this paper includes development and implementation of virtual lab for Operational Amplifier. The study of Operational Amplifier is important in Communication Electronics. The Operational Amplifier experiment can be performed by using the concept of virtual Intelligent SoftLab (VIS). The virtual experiment described here will help students to perform it any time anywhere. The screen shows virtual analog or digital waves and shows related outputs with the necessary circuit for studying Operational Amplifier. There is a facility for change of amplitude and frequency of analog and digital signal. The effect of analog and digital signal is also visible on the screen.

References

- "Virtual Labs": Nov 2010, http://www.vlab.co.in/
- N. D. Deshpande, D. A. Deshpande and P. K. Rangole, Communication Electronics,
- SoftLab- A Virtual Laboratory for Computational Science 1 (1980), By CM Hoffman
- Malvino, Electronic Principle, McGraw-Hill, 1999

Index Terms

Computer Science
Integrated Circuits

Keywords

SoftLab  Operational Amplifier  Virtual  VIS Model