

## ABSTRACT OF THE STUDY

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**TITLE:** IMPROVISED BASIC OPERATIONAL AMPLIFIER ANALYZER

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This study **IMPROVISED BASIC OPERATIONAL AMPLIFIER ANALYZER** was developed to suit for the Laboratory activities. This improvised basic operational amplifier analyzer is a device substantially made for analyzing an operational amplifier circuits with specifically 8- pins like LM741, LM301 and LM311, and 14-pins operational amplifier IC LM124, LM224, LM324 and LM2902. A lesser effort and time-saver analyzer composed of different electronics circuit parts and microcontroller unit were put

together to be capable of doing an automatic error detection of Operational Amplifier devices through Liquid Crystal Display (LCD) that would show whether the IC will operate or has defects.

