

# HIGHER TECHNICAL INSTITUTE

ELECTRICAL ENGINEERING COURSE

DIPLOMA PROJECT

## DEVELOPMENT OF AN ELECTRONIC LABORATORY DEMONSTRATION UNIT

E/884

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### ABSTRACT

This project deals with the design, construction, testing of an Electronic Laboratory Demonstration Unit and the writing and demonstration of different experiments using the unit.

The universal printed circuit was designed according to the deck layout and was constructed.

The Power supply was designed according to the requirements, constructed and testing was carried out.

Different experiments were written and demonstrated using the unit, the power supply and the items (kids) supplied.

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