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Product Name :	**Product Code :**
Power Supply Trainer for Vocational Training and Didactic Labs	ETKN-0018

Description :

Equipment for Education, Engineering and Vocational Training - Experimental Training Board has been designed specifically for the study of various techniques used for designing transistorised voltage regulated power supplies.

Technical Specification :

A voltage regulated power supply forms an essential part of many electronic equipment. Practical experience on these boards carries great educative value for Science and EngineeringStudents.

* To study half wave rectification.

* To study full wave rectification.

* To study measurement of ripple and ripple reduction methods using the following: (a) Capacitor filter (b) Inductor filter (c) Choke input of L.C.

filter (d) CLC filter

* To study Zener-diode voltage regulator circuit.

* To study series voltage regulator.

* To study series regulator with current limiting.

* To study error feed-back type series voltage regulator.

* To study the use of Darlington transistor pair for increasing the current capability of series voltage regulator

* To study a shunt voltage regulator with current limiting.

* To study a shunt voltage regulator with adjustable current limiting.

* To study a 0-9V D.C. continuously variable voltage regulated power supply and measure the following: (a) Line regulation (b) Load regulation (c) Ripple

factor

Naugra Export

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