

# Understanding Basic Concept of Electrical and Electronic Systems

Asadullah Shah



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# **UNDERSTANDING BASIC CONCEPT OF ELECTRICAL AND ELECTRONIC SYSTEMS**

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**Editors**

Asadullah Shah



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# 2. USING THE MULTIMETER

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## 2.0 Abstract:

Each multi-meter can measure physical quantities such as direct circuit current and voltage (DC), alternating circuit current and voltage (AC), resistance (Ohm), voltage (millivolts or volts), and current and amperes or miliamperes .Each of these meters has a range precession, and adjustable knob along with small screen. The scale from very small value and the maximum value is adjusted through adjustable knob. These meters facilitate the users for measuring a very small quantity and milliamperes or millivolts range easily, but unsuitable measuring scale might cause precession problem in this lab a proper usage and precise measurement may be learned so that experimental results and observations may be validated.

## 2.1 Range