Round 0

| **Discipline** | **Electrical Engineering/Electrical and Electronics Engineering** |
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| **Lab** | **Electrical Measurements and Instrumentation Engineering KEE352** |
| **Experiment** | **1. (16) Calibration of AC voltmeter and ammeter** |

**About the Lab(objective):**

To Evaluate errors in measurement as well as identify and use different types of instruments for the measurement of voltage, current, power and energy. Display the knowledge of measurement of electrical quantities resistance, inductance and capacitance with the help of bridges.

**About the Experiment:**

This experiment demonstrates practically to calibrate or compare the performance of moving iron ac voltmeter and ammeter with the respective standard instrument of the same rating. The % error between true and measured value is obtained for different voltage and current readings and graph can be drawn between error and true value.

**Target Audience:**

UG students of EE

**Course Alignment:**

B.Tech Electrical and Electronics Engg, EI

**Universities Mapped:**

AKTU, Lucknow

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