Round 0

| **Discipline** | **Electrical Engineering/ Electrical and Electronics Engg.** |
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| **Lab** | **Basic Electrical Engineering Lab** |
| **Experiment** | **Connection and measurement of power consumption of a fluorescent lamp (tube light)** |

**About the Lab(objective):**

* To identify and use different types of instruments for measurement of electrical quantity.
* Understanding the connection diagram of fluorescent tube with starter and choke coil.
* Measurement of power consumed by the fluorescent tube and power factor of the single phase electrical AC circuits.

**About the Experiment:**

In this experiment, we will understand the connections of fluorescent lamp, starter, choke coil and wattmeter to single-phase A.C. supply and measurement of the power consumed by the fluorescent lamp (tube light) with the help of wattmeter.

**Target Audience:**

B.Tech 1st Semester - Electrical Engineering/ Electrical and Electronics Engineering.

**Course Alignment:**

Basic Elecrical Engineering (KEE 101/201)

**Universities Mapped:**

Dr. APJ Abdul Kalam University Lucknow

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