Round 0

| **Discipline** | **Electrical Engineering/ Electrical and Electronics Engg.** |
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| **Lab** | **Electrical Measurements and Instrumentation Lab** |
| **Experiment** | **Measuring Pressure Using Piezoelectric Pick up.** |

**About the Lab(objective):**

* To identify and use different types of instruments for measurement.
* To understand the transducers and their applications for the measurement.
* To use transducers for the measurement of physical quantities like pressure, force and temperature etc.
* To use different types of instrument for the measurement of voltage, current, power and energy.

**About the Experiment:**

In this experiment, we can measure the pressure applied on a piezoelectric transducer by virtue of piezoelectric effect. According to piezoelectric effect, if we apply pressure on piezoelectric material it generates the voltage accordingly and by calibrating this voltage we can calculate the pressure applied to the material.

**Target Audience:**

B.Tech 3rd Semester - Electrical Engineering/ Electrical and Electronics Engineering.

**Course Alignment:**

Electrical Measurements and Instrumentation (KEE 302)

**Universities Mapped:**

Dr. APJ Abdul Kalam University Lucknow

| **Name of Developer** | **Sachin Singh** |
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