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 circuit and its connection diagram.
* To use transducers for the measurement of physical quantity like pressure.

**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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| **Institute** | **Institute of Engineering and Technology** |
| **Email id** | [**sachinsingh@ietlucknow.ac.in**](mailto:sachinsingh@ietlucknow.ac.in) |
| **Department** | Electrical Engineering Department |

**Mentor Details:**

| **Mentored by** | **T.S.S. Subramanian** |
| --- | --- |
| **Institute** | HCST Mathura |
| **Email id** | [**tss.senthil.hcst@sgei.org**](mailto:tss.senthil.hcst@sgei.org) |
| **Department** | Dept. of Electronics and instrumentation |

**Contributors List:**

| **SrNo** | **Name** | **Faculty or Student** | **Department** | **Institute** | **Email id** |
| --- | --- | --- | --- | --- | --- |
| 1 | Indra Kumar Singh | Student | Electrical Engg. Dept. | IET Lucknow | indrasingh0510@gmail.com |
| 2 | Ashish Kumar Mishra | Student | Computer Science Dept. | IET Lucknow | ashkrmishra123@gmail.com |
| 3 | Prabhav Garg | Student | Computer Science Dept. | IET Lucknow | meetprabhavgarg@gmail.com |
| 4 | Dheeraj Maurya | Student | Computer Science Dept. | IET Lucknow | dheeraj945016@gmail.com |