



**AVIT**  
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY



VINAYAKA MISSION'S  
RESEARCH FOUNDATION  
(Deemed to be University under section 3 of the UGC Act 1956)



Accredited by NAAC



Approved by AICTE

## DEPARTMENT OF BIOMEDICAL ENGINEERING

### LIST OF EXPERIMENTS

**Lab Name : 17BMCC81 - BIO TRANSDUCERS LAB**

1. Characteristics of Temperature Transducers.
2. Temperature Measurement using Thermistor and its Linearization characteristics.
3. Characteristics of Optical Transducer.
4. Characteristics of LVDT.
5. Characteristics of Hall effect Transducer.
6. Characteristics of Strain Gauge.
7. Characteristics of Potentiometer Transducer.
8. Characteristics of Pressure transducer
9. Characteristics of Piezo electric transducers
10. Characteristics of Piezo resistive transducers

**HOD-ECE/BME**