



AVIT
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY



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



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DEPARTMENT OF BIOMEDICAL ENGINEERING

BIOSENSORS AND MEASUREMENT DEVICES

List of Experiments

1. Characteristics of temperature transducers.
2. Characteristics of pressure and optical transducers.
3. Characteristics of strain gauge.
4. Blood pressure measurement using sphygmomanometer.
5. Design of instrumentation amplifier.
6. Measurement PH using PH meter.
7. Galvanic Skin resistance measurement.
8. Recording of ECG using ECG simulator.
9. Recording of EEG using EEG simulator.
10. Recording of EMG using EMG simulator.

TEXT BOOKS:

Department Lab Manual

HOD-BME- ECE