



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
MEDICAL INSTRUMENTATION LAB

LIST OF EXPERIMENTS

1. Design and analysis of biological pre amplifiers.
2. Plotting of human auditory response using audiometer.
3. Recording of ECG signal and analysis
4. Recording of EMG-Signal
5. Recording of EEG-Signal
6. Recording of various physiological parameters using patient monitoring system and telemetry units.
7. Measurement of pH and conductivity.
8. Study of ESU – cutting and coagulation modes
9. Study of characteristics of optical Isolation amplifier
10. Galvanic skin resistance (GSR) measurement

HOD(ECE/BME)