

LABORATORY PROJECT TOPICS

- Simple Thermometer
- RF Sound Transmission System
- Infrared Remote Keypad
- Car Parking Sensors
- Laser Sound Transmission System (only PCB based)
- IR Remote Controlled LEDs
- Motion Detector (only PCB based)
- Driving DC Motor by Solar Power
- Laser Security System
- Electronic Piano (only PCB based)
- Digital Voltmeter Circuit Using ICL7107
- Cell Phone Detector
- Variable Power Supply And Charger
- Water Level Indicator
- DC Motor Control Using Laser
- DC Motor Control Using RF
- Low Cost FM Booster
- Simple Function Generator 12V
- Microphone Amplifier
- Simple Frequency Meter
- Electronics Thermometer
- Signal Diode-Based Fire Alarm
- Bridge Amplifier
- Mobile Cellphone Charger
- Fire Alarm Using Thermistor
- Infrared Remote Keypad
- Motion Detector (only PCB based)
- Bi-directional Visitors Counter (only PCB based)

EVALUATIONS	Theoretical Circuit Diagram (must be digital printout)	Simulation (Proteus, Pspice, etc.)	Report (must contain bill of materials, cost table, summary of the project, PCB layouts, etc.)	Working Status	PCB	TOTAL
GRADE	20	15	30	30	5	100

