



TECHNICAL PROJECT REPORT

TITLE OF INVENTION / PROJECT: IR REMOTE CONTROLLER

TEAM MEMBERS / INVENTORS:

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Section – 1 (IPR Related)

BRIEF ABSTRACT :

It is IR Remote controller basically it controls IR rays. Its working process is when we spot a IR ray on the IR Sensor, if LED glows it means our device is working

EXISTING STATE-OF-THE-ART AND DRAWBACKS IN EXISTING STATE-OF-THE-ART

S. No.	Existing state of art	Drawbacks in existing state of art
1		
2		

NOVEL/ADDITIONAL MODIFICATIONS THAT YOU CAN PROPOSE TO IMPROVE UPON DRAWBACKS

(List down the features)

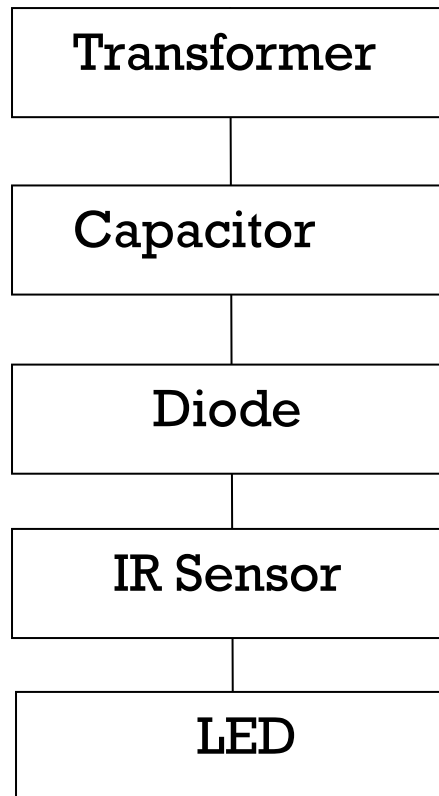
It works on single device at a time

ADVANTAGES

- USER FRIENDLY
- GOOD STABILITY



BLOCK DIAGRAM





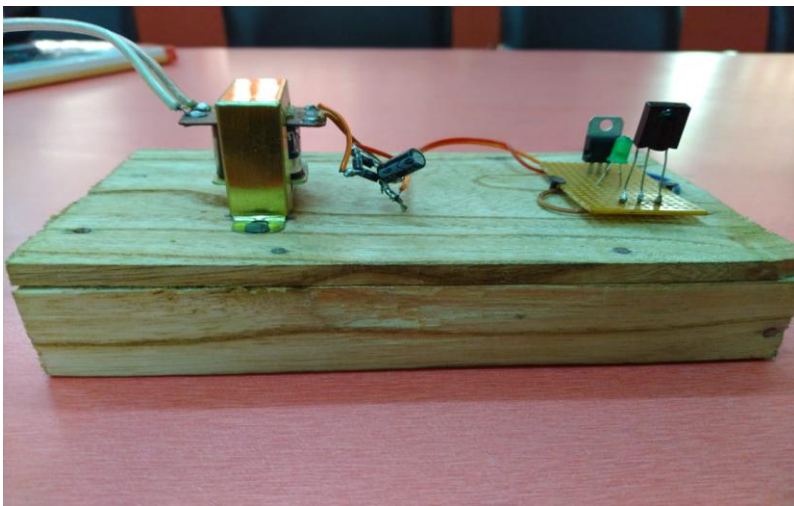
Section – 2 (Real Project)

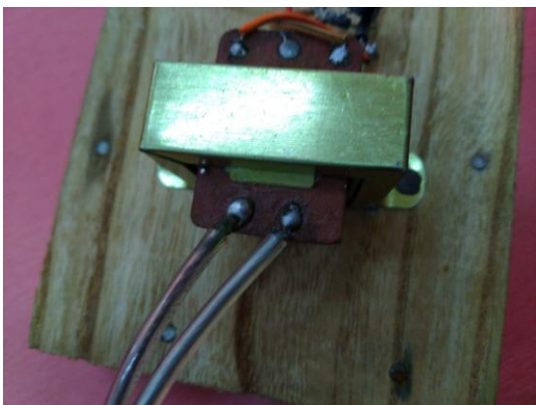
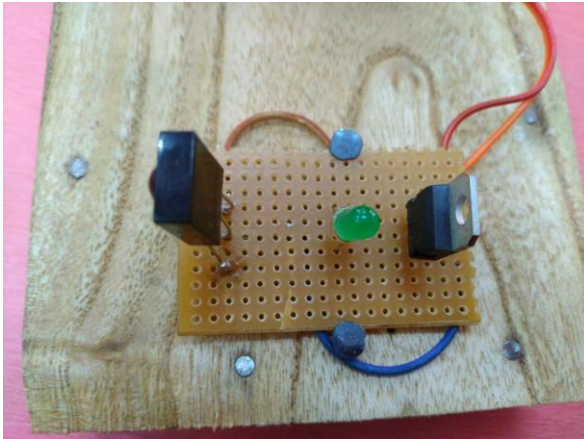
MATERIALS

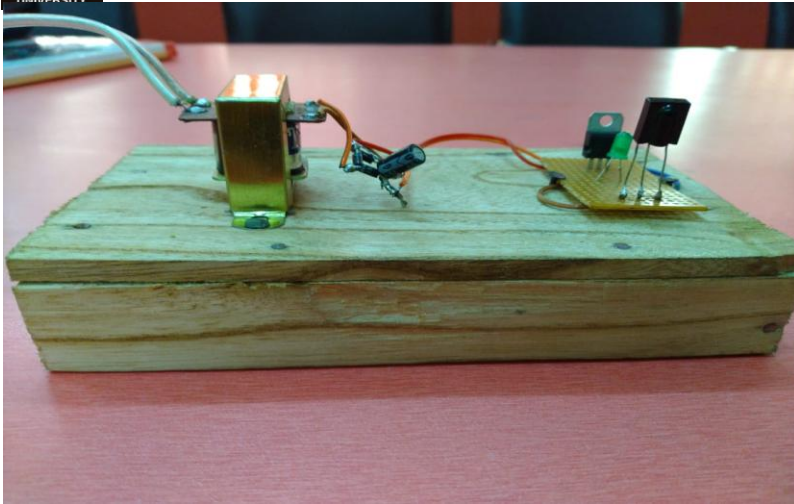
(List down the Components, Equipment, etc. actually used in the project)

- ✓ Transformer : 1 unit
- ✓ Capacitor : 1 unit
- ✓ Diode : 4 unit
- ✓ Led : 1 unit
- ✓ IR Sensor : 1 unit
- ✓ Transistor : 1 unit
- ✓ Circuit board

CIRCUIT DIAGRAM :







WORKING PROCEDURE :

1. Transformer setup
 2. Diode setup
 3. Capacitor setup
 4. Circuit Board
- Finally our project works