

B V RAJU COLLEGE  
VISHNUPUR :: BHIMAVARAM  
DEPARTMENT OF PHYSICS AND ELECTRONICS

## AUTOMATIC ON/OFF BULB WITH SOUND (CLAP)

The Department of physics & Electronics with the support of centre for Innovation & Incubation has Incubated the idea of one of the B.Sc.MPCs student and brought it into reality .

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The purpose of this project is old people and childrens who are not able to switch on the lights in night time will search for switches, to overcome this problem the project will help them.

In this project we have taken the following components :-

1. Relay
2. Capacitors
3. PCB Board
4. Microphone
5. Transformer
6. Resistors
7. Bulb





*The above image shows that glowing of the bulb with the clap sound*



*The students has been successfully initiated the project .*



