

## Recent Trends in Power Transmission

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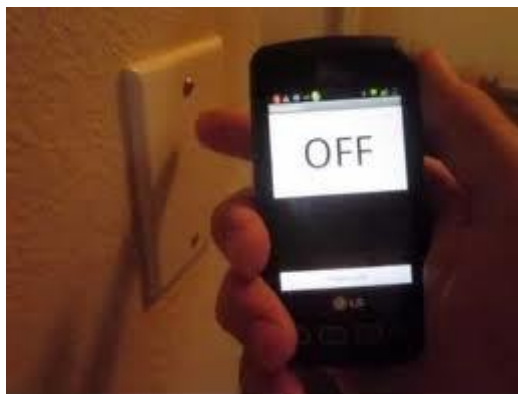
**ABSTRACT:** Power transmission through wires is possible now. We try to transmit the power through Bluetooth, it is wireless one. Here we omit the wires also we use Bluetooth switches for transmission. It is non conventional method. Bluetooth is transmit the power between particular distance with low efficiency, then little amount of power will be transmitting through this method. so we increase the frequency of signals then we get the required output.

**Keywords:** Wireless power bluetooth switches particular distance efficiency low non conventional method

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### I. INTRODUCTION:

Bluetooth is used to transmit signals from one place to other Place with particular distance. So we try to do wireless power transmission using Bluetooth. Using this method we easily remove the wires. Then we introduce the Bluetooth switches for a special one. It is also replace of our manual work.



### II. CONCEPT:

We take one power source (i .e) battery, here we connect the Bluetooth system. Normally air is not a medium for electric signals transmission. But we are increase the frequency for the signals , through this we easily transmit the power. Then Bluetooth switches is a main role here ,it was controlled by automatically.

### III. BLUETOOTH SWITCHES:

It is normal switch only, but here we don't use any wire connection. Instead of wire connection we use the Bluetooth switches. Then we easily predict the damage where it occurs. Using our mobile phone also we control our electric things.



#### **IV. WIRE TRANSMISSION:**

Here wire are used to transmit the power.  
But it have some resistance through wires.  
Then it also have the labour work, service, maintenance.  
But normally this method is conventional.  
It may be make some fire accident.  
But we cannot control through themobile phone.it is main drawback

#### **V. BLUETOOTH TRANSMISSION:**

It is no need of manual maintenance.  
Then the transmission is little bit fast then compared to conventional method.  
Then it don't make any fire accident.  
Here no resistance compared to that transmission .  
But the setup cost will be more.  
Using mobile phone we operate the Whole setup.  
It is main advantages here.

##### **Advantages:**

This is main advantage is wireless system. So wire fitting and the other process is not here.  
So the labour cost is less.  
And this is one of non conventional method.  
It is compact one and easily we understand the mistakes where it happens.

##### **Disadvantages:**

Bluetooth power transmission is high cost.  
Because we are fix the Bluetooth System with this.  
Then we increase the frequency so cost wise is high.  
But wires& cables was not used here.  
High frequency signals may be make injury to our body.

##### **Conclude:**

So, we try to make the Bluetooth power transmission.  
Then we think new concept of Bluetooth switches it really interesting one.  
Using our facility we are try to make best with this concept.