



## Radio Telescope

by **kabirnaik** on June 21, 2016

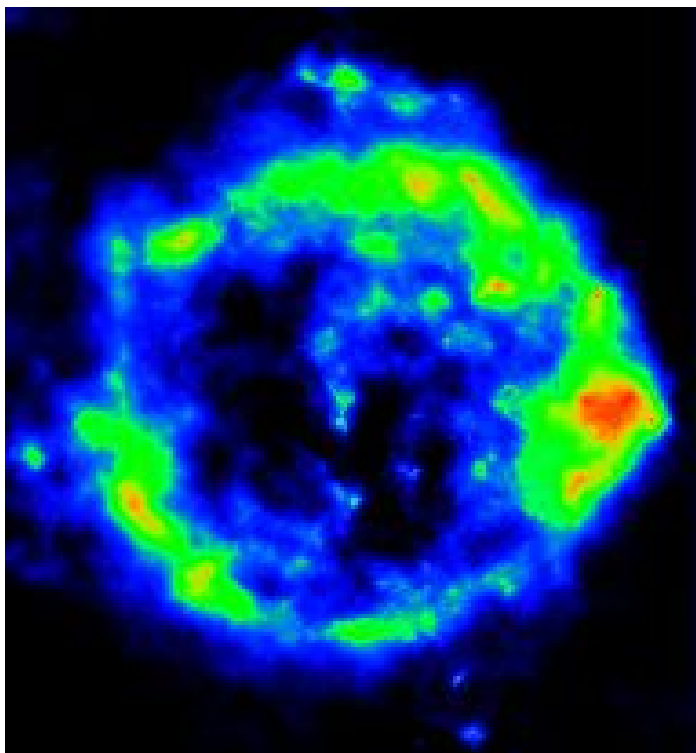
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## Intro: Radio Telescope

Hello ,

This project which i am writing is based on our IOT based radio telescope. In this project we are planning to fuse radio astronomy and the latest technology of IoT which is (Internet of Things). So in this project our aim is to create a radio astronomy environment and then control it with or using a smart phone which will be accessible to the internet. So now let me tell you what Radio Astronomy is. Radio astronomy is a subfield of astronomy that studies celestial objects at radio frequencies. The initial detection of radio waves from an astronomical object. Radio astronomy is conducted using large radio antennas referred to as radio telescopes, that are either used singularly, or with multiple linked telescopes utilizing the techniques of radio interferometry and aperture synthesis. The use of interferometry allows radio astronomy to achieve high angular resolution, as the resolving power of an interferometer is set by the distance between its components, rather than the size of its components. So in our project we are planning The



### Step 1: This is how your telescope will look like

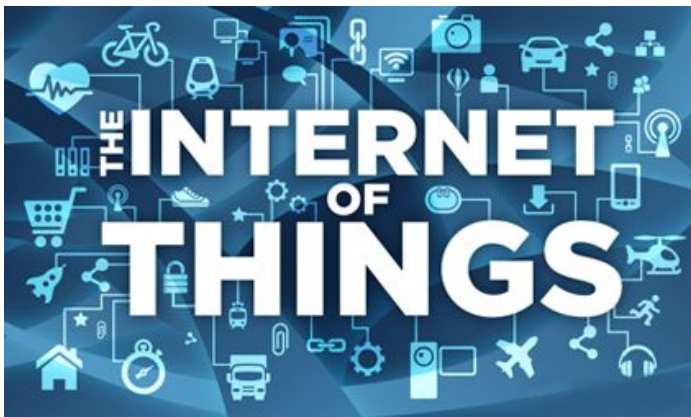
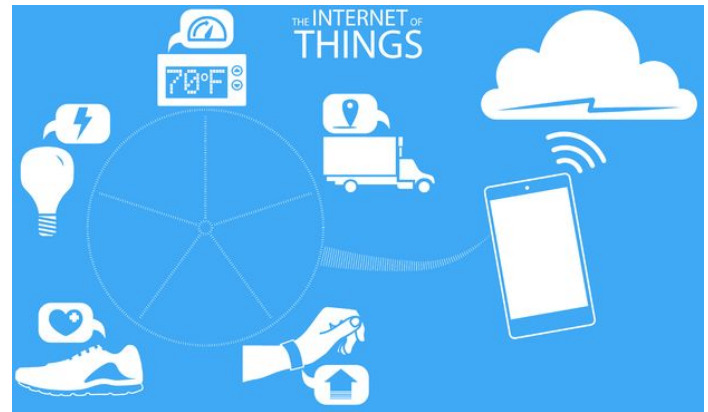
This is how your telescope will look like. And the next step also will be fun



## Step 2:

### IOT

The internet of things (IoT) is the network of physical devices, vehicles, buildings and other items—embedded with electronics, software, sensors, and network connectivity that enables these objects to collect and exchange data.



## Step 3:

## Step 4:

### Related Instructables



**My second telescope** by bakermiro



**Telescoping Magnetic Pen** by ezman



**Converting a TowerPro MG995 Servo to a Linear Actuator** by daniel\_mittelman



**Rescue the analog Radio** by llaven



**Build Your very own Arduino powered Satellite for just 2000 USD** by Rifath



**Velleman MK118 radio kit made portable!** by big dawg1

## Comments