

# INTERNET OF THINGS



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## Technical Trends of Internet of Things

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KISTI Campus

## Building the IoT, the DIY Way

- IoT Data Research Team  
KISTI Campus

# Building the IoT, the DIY Way

Easy and Fun, Just follow quick recipes

**Create your own IoT devices**

**From scratch** (Programing language skill preferred, Not mandatory)

- Group activity based Hands-on class
- How to works lots of sensors, actuators
- How to monitor and control your own IoT devices

# Make your smart application



IoT home assistant



Self-watering flower pot



IoT Light Switch



Smart Window Opener

# Devices

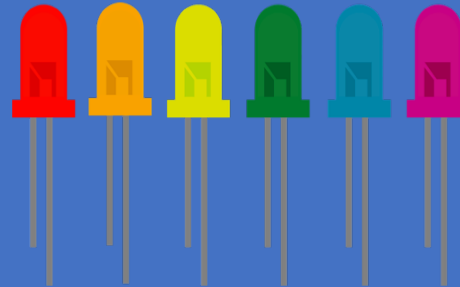
LED / Button / Speaker

Temperature / Humidity

Air quality Sensor

Moisture Sensor

Relays



Ultrasonic Sensor

Water-level Sensor

GPS Module

Wifi Mudule

Servo motor

# Schedule

Tues (9<sup>th</sup>)

Wed (9<sup>th</sup>)

Thu (9<sup>th</sup>)

Fri (9<sup>th</sup>)

Technical  
Trends  
In IoT

Web  
Application  
-Cloud

Best  
Project

Registration

4<sup>th</sup>  
Industrial  
Revolution

Now

Basic of  
Arduino

Device  
Control  
Practice

User  
Interface  
-Mobile

Intensive  
Application

Group  
Activities



# Question?

