

INTERNET OF THINGS



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Technical Trends of Internet of Things

- Professor, Dongmin Seo
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 IoT application



IoT Home Assistant



Self-watering Flower Pot



Remote Light Switch



Smart Window Opener

Devices

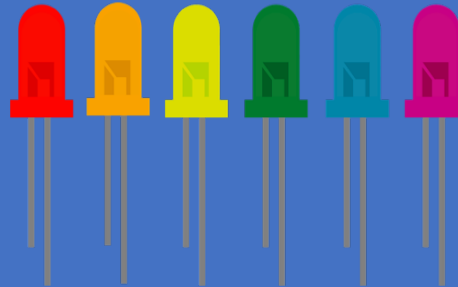
LED / Button / Speaker

Temperature / Humidity

Air quality Sensor

Moisture Sensor

Relays



Ultrasonic Sensor

Water-level Sensor

GPS Module

Wifi Module

Servo motor

Schedule

Tues (9th)

Wed (9th)

Thu (9th)

Fri (9th)

Technical
Trends
In IoT

Web
Application
-Cloud

Best
Project

Registration

4th
Industrial
Revolution

Now

Basic of
Arduino

Device
Control
Practice

User
Interface
-Mobile

Intensive
Application

Group
Activities



Github

<https://github.com/UST-2018-Winter-IoT/class-materials>



Question?



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