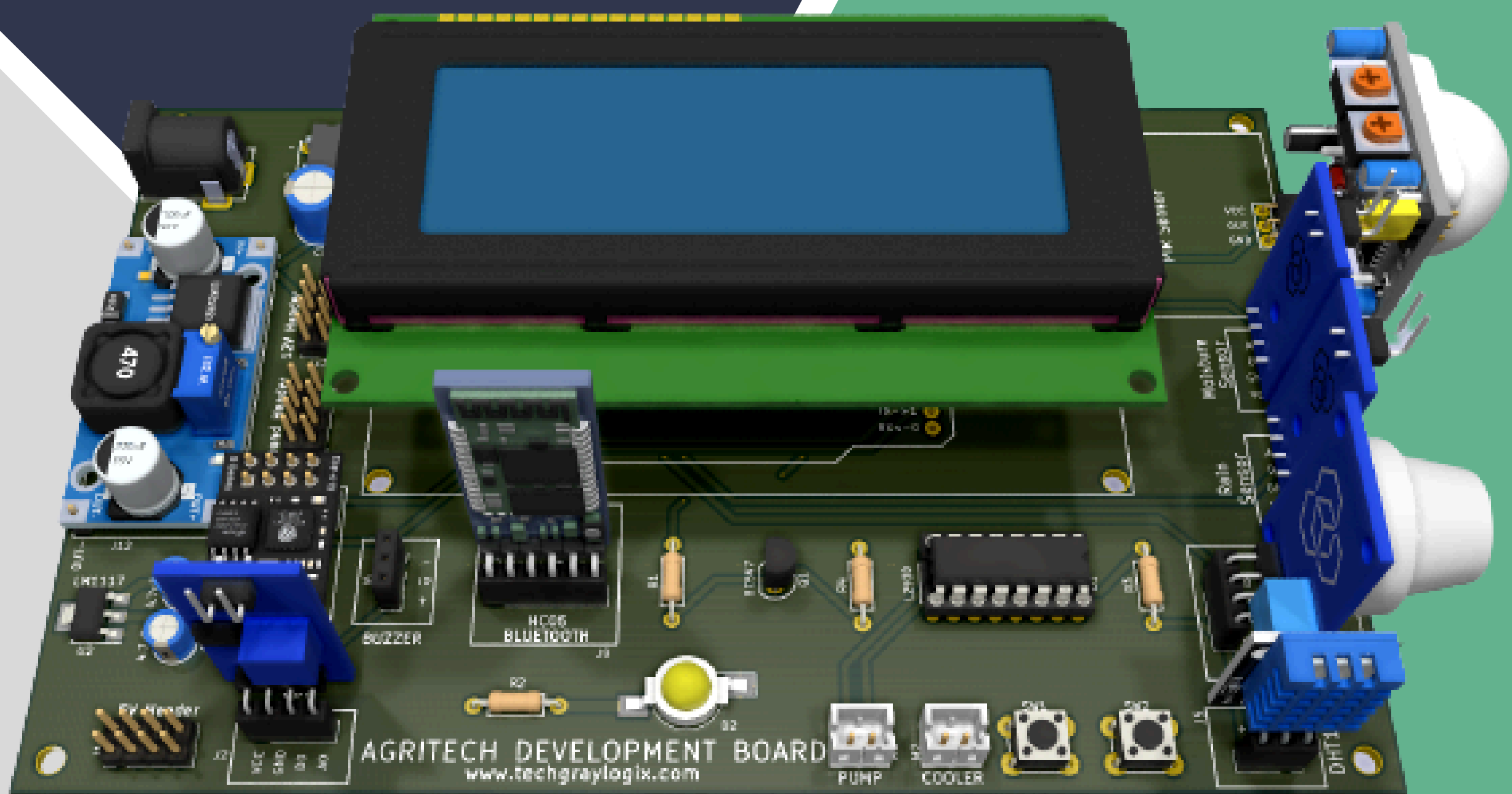# AGRITECH DEVELOPMENT KIT
ARDUINO COMPATIBLE

- Easiest way to learn and develop Agritech applications
- Save time in circuit rig-ups
- Plug & Play digital & analog sensors
- Real-time data for Machine Learning & AI applications

ARDUINO

EMBEDDED SYSTEMS

INTERNET of THINGS

python™

ROBOTICS

Getting started with Agritech Kit

- Rainfall Sensing and Monitoring
- Soil Moisture Detection
- Intruder Detection System
- Atmospheric Temperature & Humidity Monitoring
- Cooling Fan Control for Temperature Stabilization
- Pump Control for Irrigation System
- Air Quality Sensing & Monitoring
- Sunlight Monitoring & Artificial Light Controls
- Wireless Control via Bluetooth
- Wi-Fi based Data Communication
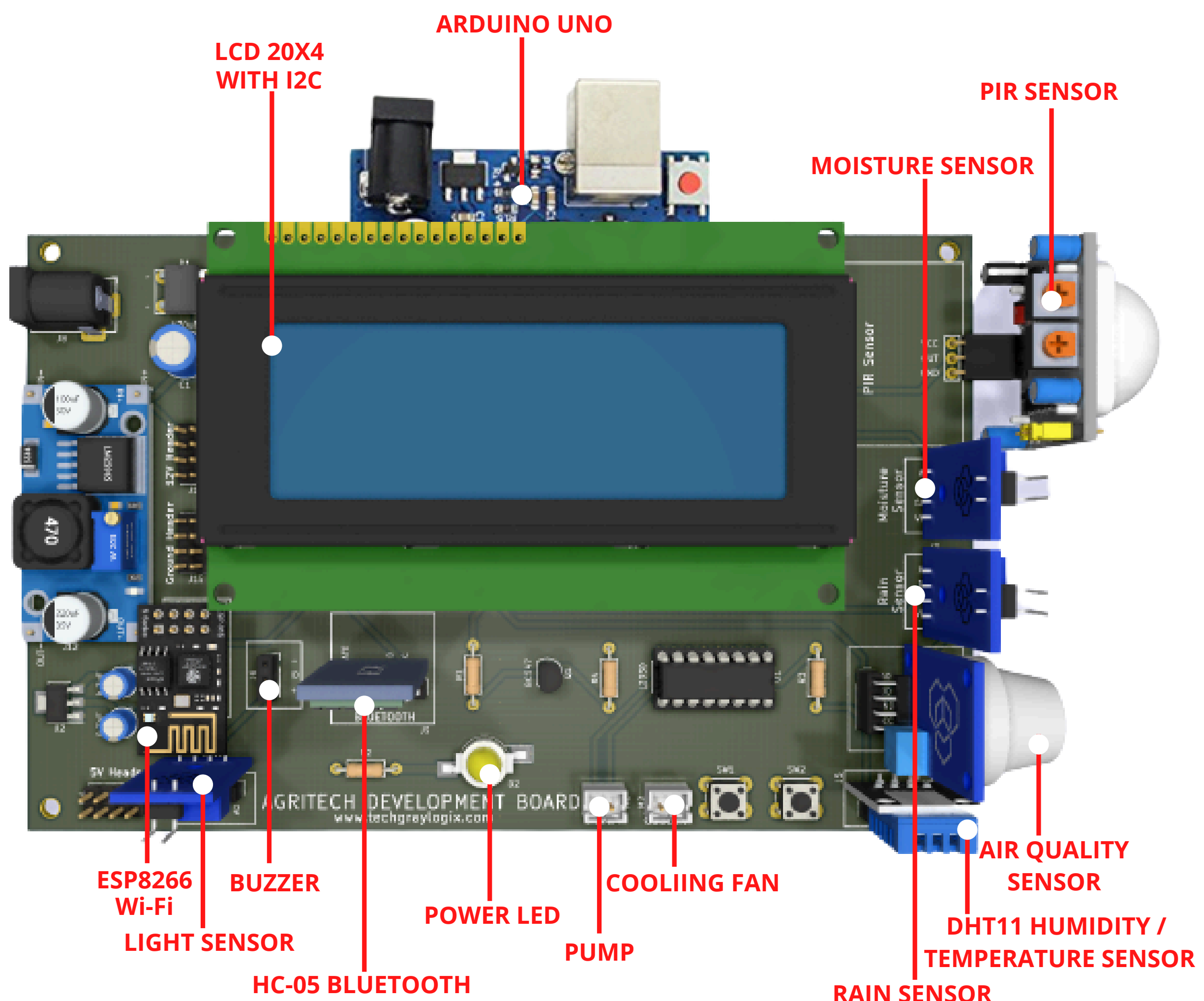
TECH-GRAYLOGIX
TECHNOLOGY SIMPLIFIED

The kit includes the necessary hardware, code and guide to build various Embedded applications.

KIT CONTENTS:

- Agritech Development Board
- Arduino Uno compatible rev 3 with USB Cable
- HC – 05 Bluetooth Module
- DHT11 Temperature and Humidity Sensor
- MQ135 Air Quality Sensor
- DC Cooling Fan
- DC Motor Pump
- On – Board Power LED

- PIR Sensor
- Rain Sensor
- Buzzer Module
- Moisture Sensor
- Light Sensor
- On – Board Switch Array
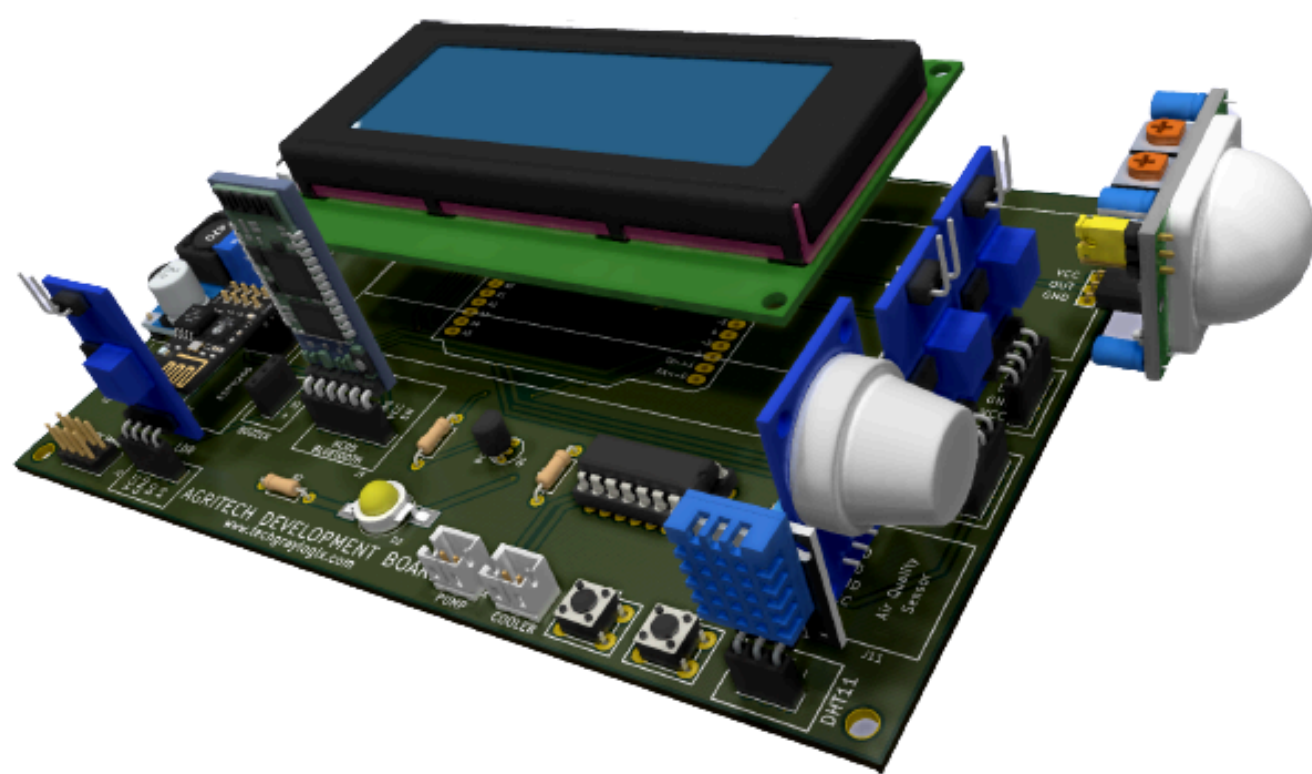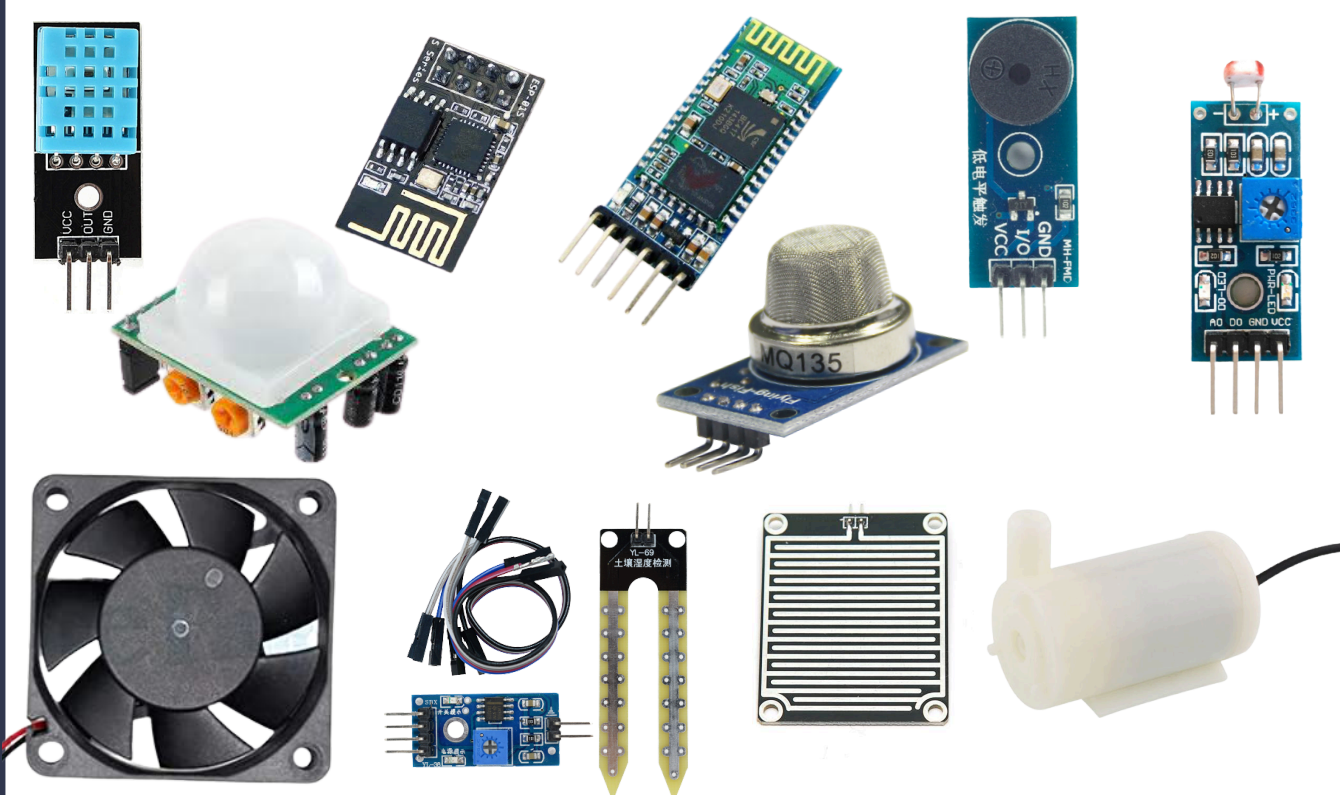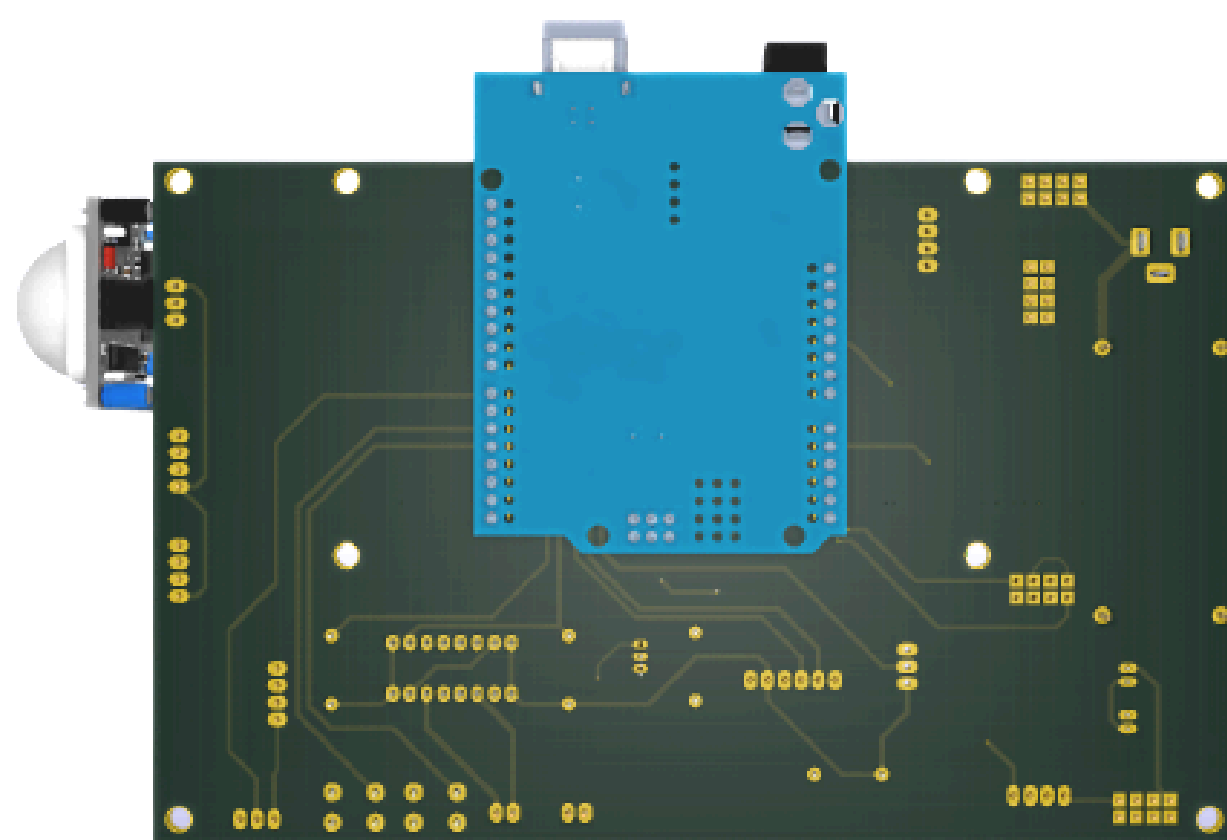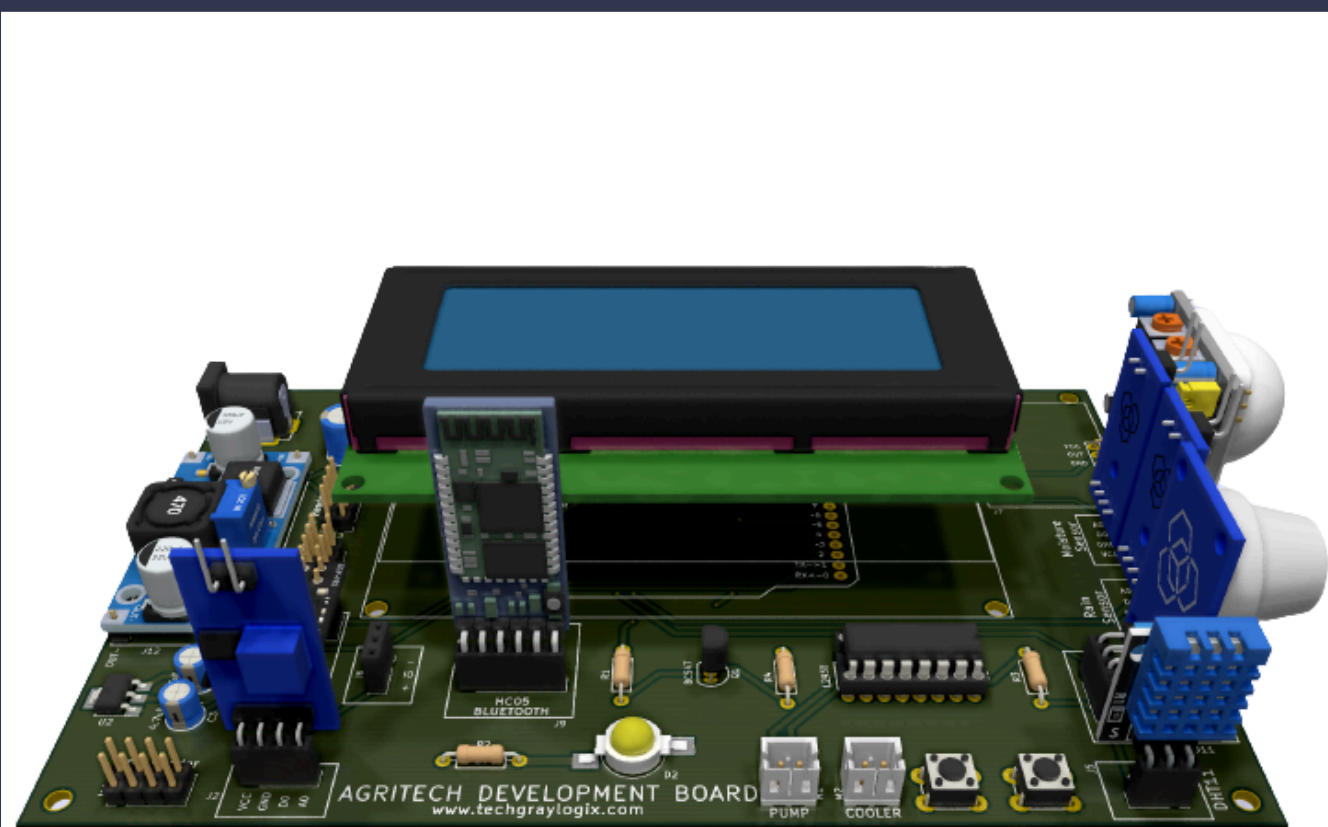- LCD 20x4 with I2C
- 12V DC Adapter

DESCRIPTION

The development board has been specifically designed to fit variety of sensors, output devices and wireless modules. The aim is to decrease the amount of time required in rigging up the circuit and to maximize learning based on plug and play method.

The kit can be programmed to readily demonstrate all the input and output devices connected to it and offer the easiest way to develop projects on Agriculture and Irrigational applications.

ARDUINO-SHIELD AND COMPONENTS PLUG-IN

TECH-GRAYLOGIX
TECHNOLOGY SIMPLIFIED

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