Some sites with IoT start-ups: http://iotlineup.com/ ; https://nevonprojects.com/sensor-based-projects/

Greenhouse - https://www.growingreenhouse.com/7-types-of-sensors-used-in-greenhouses-to-ease-your-life/

Mushroom cultivation using IoT <3<3 `

https://iopscience.iop.org/article/10.1088/1742-6596/1339/1/012012/meta - Smart irrigation system

Wine cellar - https://www.iotforall.com/internet-of-wine-agtech-smart-cellars

VIA Library

Humidity controller (smart home-derivative)

Smart home suite

Ideal measurements at home (smart home-derivative)

Weather station

Boat control support

Mining Worker Safety Helmet

Accident Prevention Using Eye Blinking and Head Movement: The main aim of this project is to avoid the accidents that are caused due to driver asleep. This project detects the fatigue symptoms in driver eye blink sensor, tilt and Turing sensors. When these sensors senses the driver fatigue, ARM based controller switches the alarm circuit and also generates an SMS to the remote mobile. In prior, it switches relay circuit for engine as well as speed control.

Gesture Recognition of American Sign Language for Deaf and Dumb People: The objective of this project is to implement an algorithm of American Sign Language (ASL) in the microcontroller. This project uses MEMS based gesture to produce the signals according to the hand movements. This gesture data is further converted into voice as well as alphabet by using loud speaker and LCD respectively.

Embedded system for Hazardous Gas detection and Alerting: This project deals with the implementation of an embedded system to monitor the hazardous gasses. This is useful in industries, homes and offices for the safety of personnel against gas leaks.

In this, LPG and propane gas sensors are connected to the microcontroller in order to generate the alarm in the event of any gas leaks.

Intelligent bra

Intelligent shoe

Food manufacturing support

Medical refrigerator