Research Proposal

IoT (Internet of Things)

Abstract:

The internet of things is the network of Physical Objects.

Here things are uniquely identifiable nodes, primarily sensors that communicate without human interaction using IP connectivity.

A thing in IoT can be anything with sensor and Internet connection (Smart Watches, Sunglass, TV, Car-Key, etc.)

All these devices collect an enormous amount of data from every person and stored.

Research Idea in IoT

5G Network and IoT

Abstract

5G is the upcoming communication technology which is expected to be 10 times faster than the current penalty for charity so this will obviously increase the speed which was although the hypothesis to communicate and share the data in a faster manner the resist area in this 5G along with the IoT is widely can to be in the healthcare in order to collect the real time data and without any security issues so when it comes to connected devices that is internet connected devices the security privacy and safety of the user is very much important that's what talked about there would be security and trust.

I have done my project using IoT.

Some snaps are there,

UG Project:

Website for Akshayaa Agencies

localhost:9237/finalproj/about_us.aspx

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Akshayaa Agencies is one of the leading manufacturers all type of crackers and wholesale suppliers of Fireworks, in Sivakasi. A Government of India Licensed Cracker Shop. MR.S.G. Seenivasan is the proprietor of this company and running Akshayaa Agencies crackers in the past 6 years in Sivakasi. We supply quality fireworks at lowest price all over Sivakasi, Tamilnadu, India. We are the Authorised Dealers of Ayyan, Kubera, Twnty Two, 33, 888, 3 star, Goat 22, X-mas, Chank Brand crackers and fancy varieties. We arrange aerial displays for all festivals, grand gallas, functions, marriage cermonies.
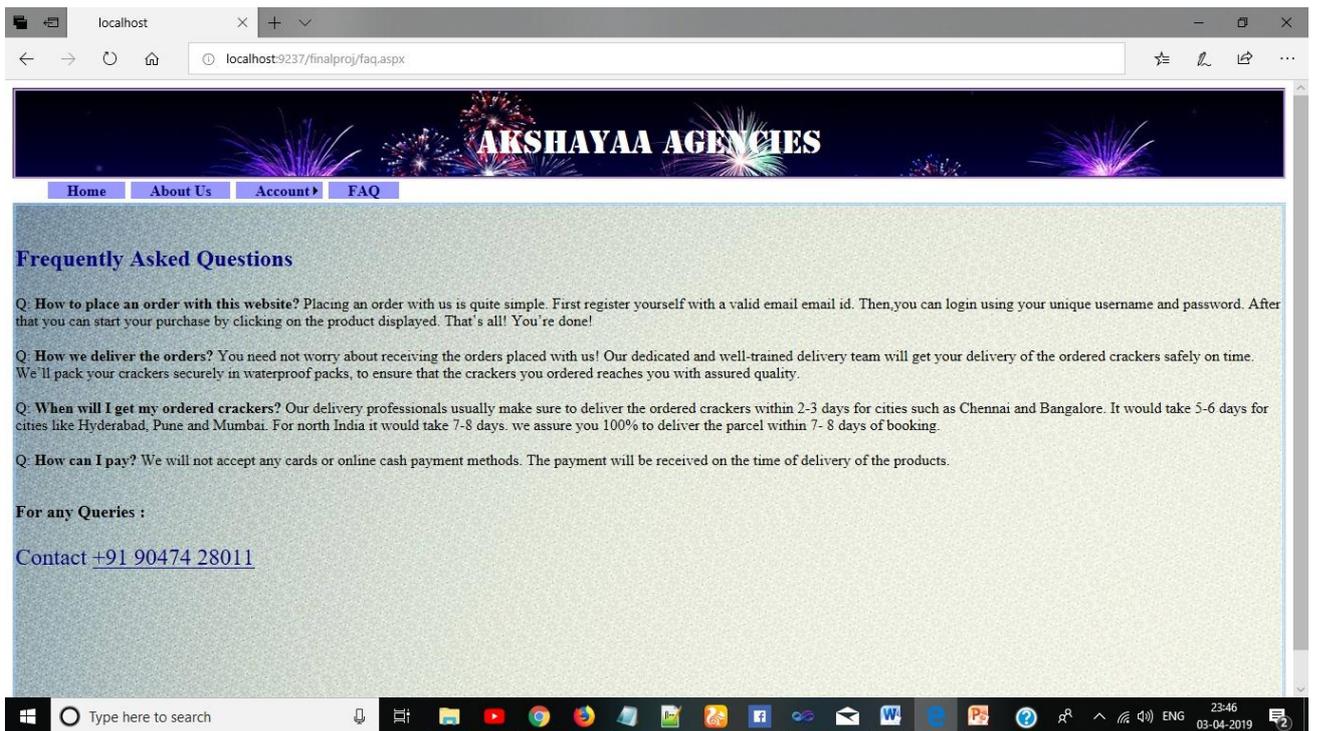

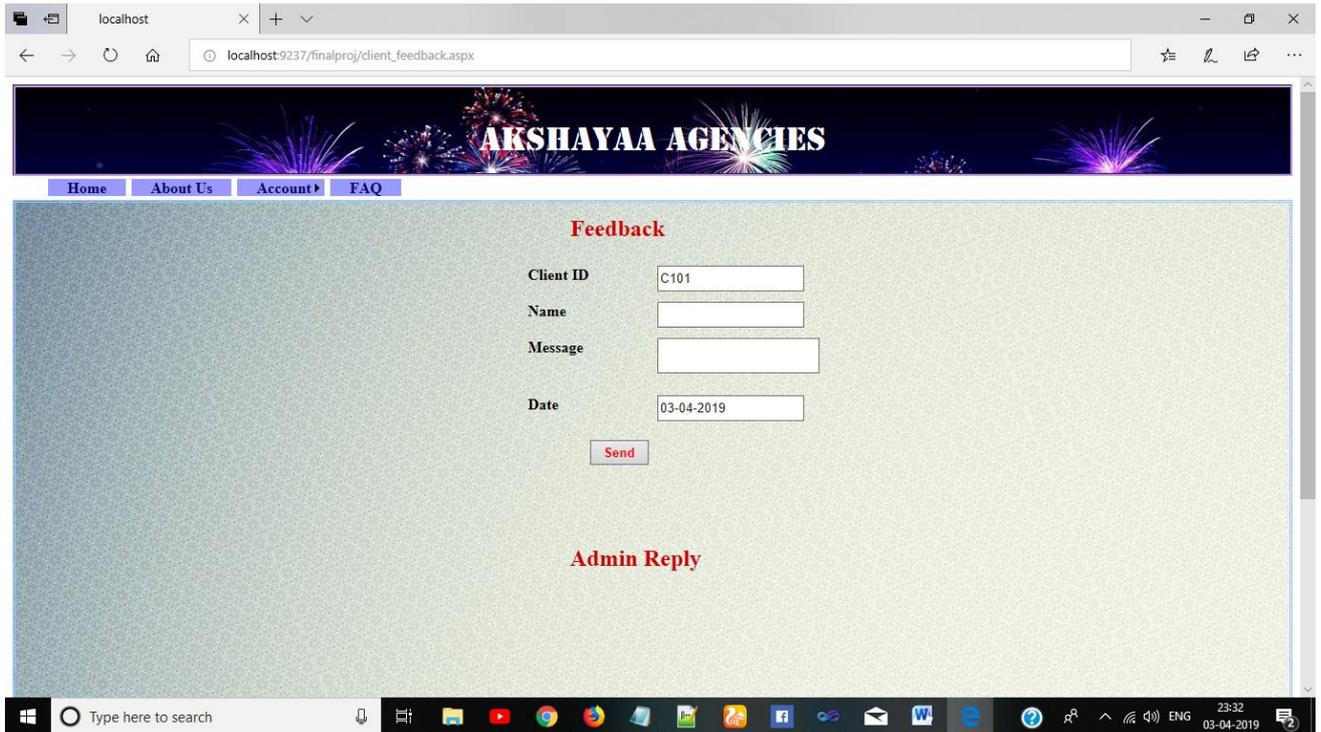localhost:9237/finalproj/purchase.aspx

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| Rummy Fancy | Tower Pots | 1000 Shell | 5000 Shell | 7 Shots |
| 1000 | 500 | 500 | 1000 | 700 |

| Pencil | Shock | Golden Cindrella | Hydro Bomb | Fiesta |

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Feedback

Client ID   C101

Name

Message

Date   03-04-2019

Send

Admin Reply

Type here to search   ENG   23:32   03-04-2019

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Frequently Asked Questions

Q: **How to place an order with this website?** Placing an order with us is quite simple. First register yourself with a valid email email id. Then,you can login using your unique username and password. After that you can start your purchase by clicking on the product displayed. That's all! You're done!

Q: **How we deliver the orders?** You need not worry about receiving the orders placed with us! Our dedicated and well-trained delivery team will get your delivery of the ordered crackers safely on time. We'll pack your crackers securely in waterproof packs, to ensure that the crackers you ordered reaches you with assured quality.

Q: **When will I get my ordered crackers?** Our delivery professionals usually make sure to deliver the ordered crackers within 2-3 days for cities such as Chennai and Bangalore. It would take 5-6 days for cities like Hyderabad, Pune and Mumbai. For north India it would take 7-8 days. we assure you 100% to deliver the parcel within 7- 8 days of booking.

Q: **How can I pay?** We will not accept any cards or online cash payment methods. The payment will be received on the time of delivery of the products.

For any Queries :

Contact +91 90474 28011

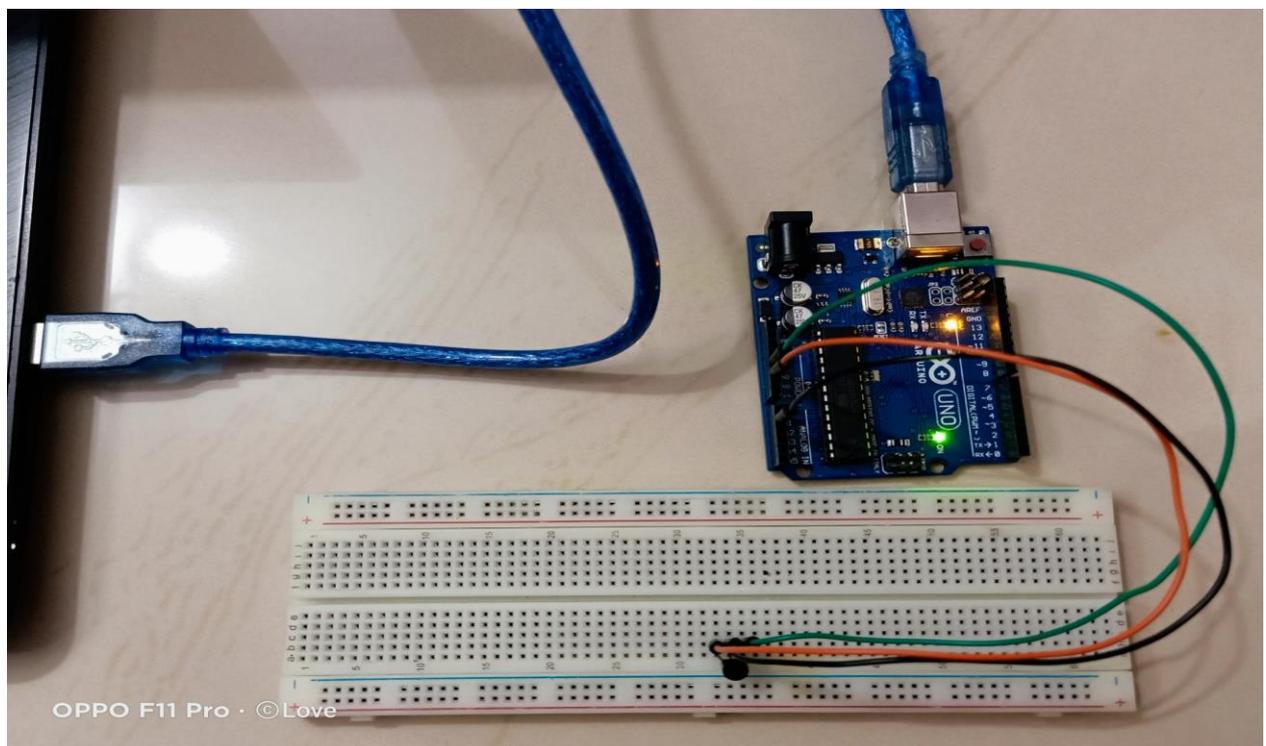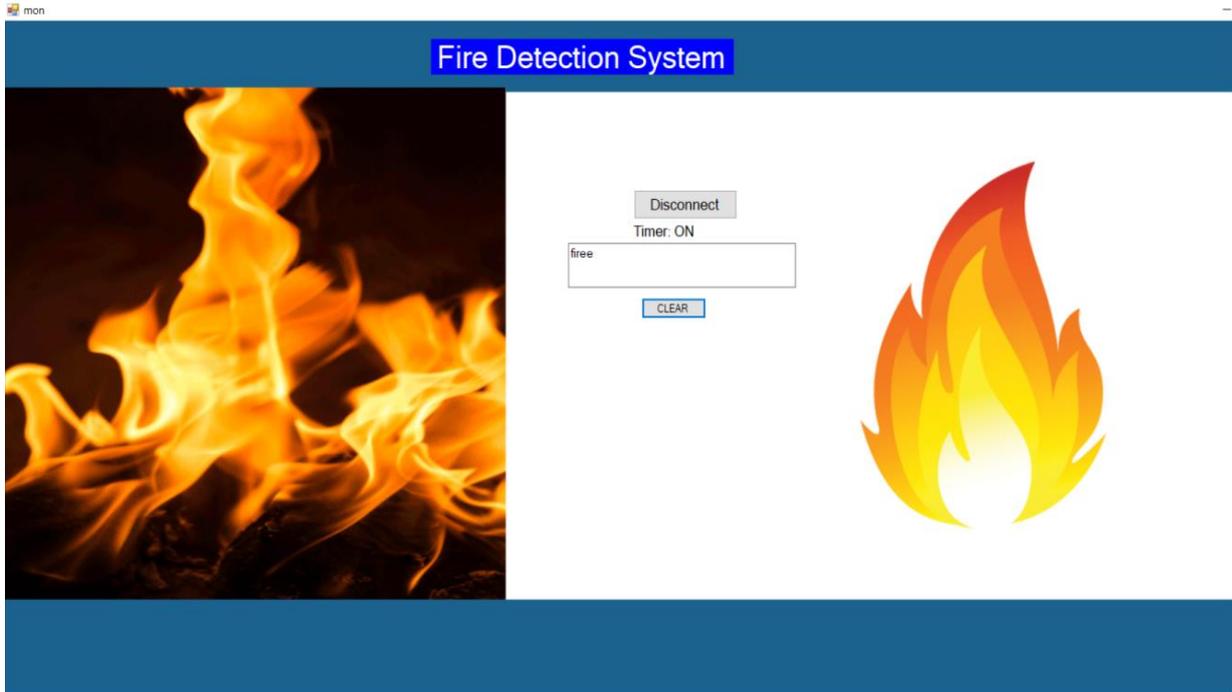Type here to search   ENG   23:46   03-04-2019

Post Graduation Projects:

Fire Detection System using IoT (Mini Project)

Abstract:

The project was entitled as "Fire Detection System using IOT" The project purposely is for safety where the main point is to avoid the fire accidents occurred to the residents and the properties inside the house as well. It utilizes Arduino Uno board in conjunction with ATmega328 chip. Arduino is an open-source prototyping platform based on easy-to-use hardware and software. Arduino provides an open-source and easy-to-use programming tool, for writing code and uploading it to your board.
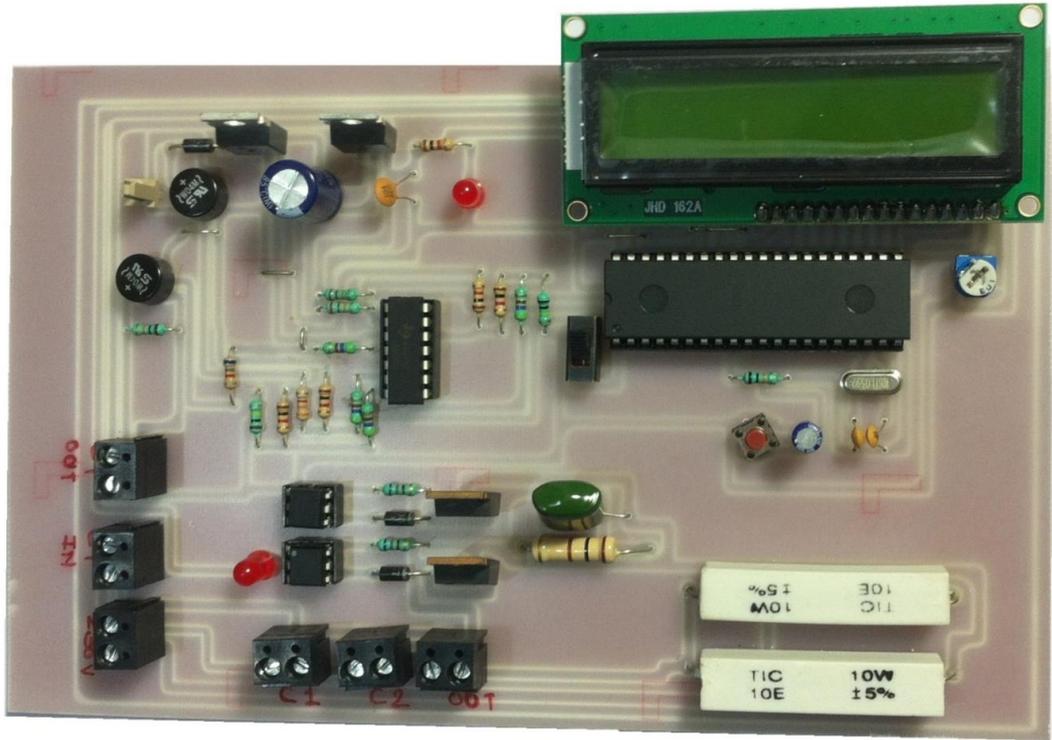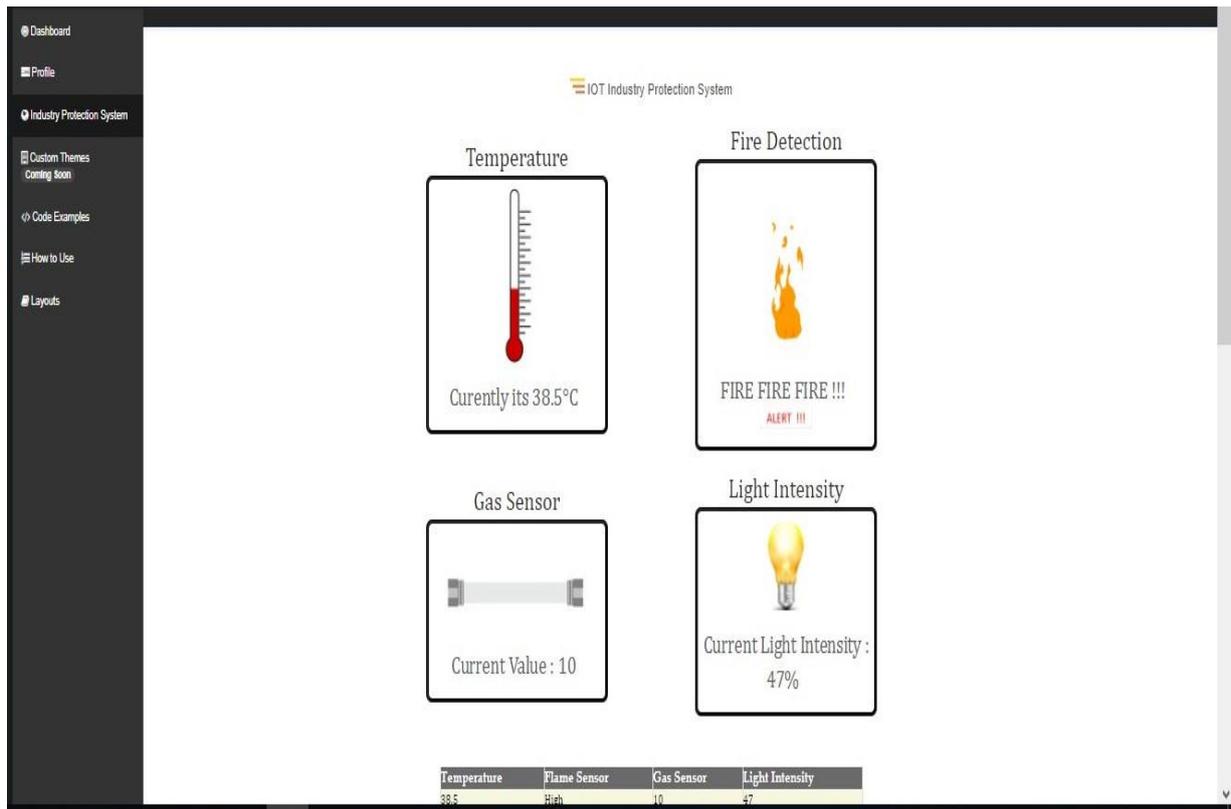
Home Automation using IoT (Major Project)

Abstract:

The Internet of Things (IoT) is a system of interrelated computing devices mechanical and digital machines, objects, animals, or people that are provided with unique identifiers and the ability to transfer data over a network without requiring human-to-human or human-to-computer interaction.

The main objective of this project is to develop a "**Home Automation System**" using Arduino Board with Wi-Fi Module. The main focus of this project is to minimize electricity and reduce human efforts. This technology is advancing so houses are also getting Modern Houses or Smarter. The Smart houses are gradually shifting from conventional switches to the centralized control system, involving remote-controlled switches.

Currently, the wall switches located in different places of the house makes it difficult for the blind people and handicapped peoples. This is a low-cost system and this system can control multiple devices. The user can access multiple appliances over the internet at their convenience.

We are participated in Vishwakarma 2019

Smart Agriculture using IoT

Abstract:

In India, agricultural villages play a vital role in developing the country. Farmers of our nation have many acres of land and watering them evenly is a big deal. Basically, agriculture depends on the monsoons which are not sure. To overcome this problem, the Automated Sprinkling System Using IOT is employed in the field of agriculture. The objective of our project is to supply water to the plant automatically as well as to send notification, sms and mail to the farmers simultaneously about the status of the soil.

702	VISH20196883	HERETICS	DEVELOPMENT OF PORTABLE SOLAR PADDY DEHUSKING MACHINE	LIVELIHOOD	AVINASHILINGAM INSTITUTE FOR HOME SCIENCE AND HIGHER EDUCATION FOR WOMEN DEEMED TO BE UNIVERSITY	TAMIL NADU	SOUTHERN
703	VISH20192231	TECHIE_CREW	SMART VERMICOMPOST PROCESSING AND MANAGEMENT SYSTEM USING IOT	WASTE MANAGEMENT	AYYA NADAR JANAKI AMMAL COLLEGE	TAMIL NADU	SOUTHERN
704	VISH20192440	AGCRONY	SMART SYSTEM FOR SOIL MOISTURE OBSERVING	LAND	AYYA NADAR JANAKI AMMAL COLLEGE	TAMIL NADU	SOUTHERN
705	VISH20194058	RYZEN	TECH LIVELIHOOD	LIVELIHOOD	AYYA NADAR JANAKI AMMAL COLLEGE	TAMIL NADU	SOUTHERN
706	VISH20191316	BLUEWALKERS	MARITIME RESCUE BOT	LIVELIHOOD	BANNARI AMMAN INSTITUTE OF TECHNOLOGY	TAMIL NADU	SOUTHERN
707	VISH20193033	TRIDENT	IOT BASED GANTRY SYSTEM FOR MULTI-CROP FARM CULTURE	FARM AND FLOCK	BANNARI AMMAN INSTITUTE OF TECHNOLOGY	TAMIL NADU	SOUTHERN
708	VISH20193925	ELECTRIC FARMERS	MULTI PURPOSE ELECTRIC TILLER	VALUE ADDITION OF RURAL HANDICRAFT AND AGRO INDUSTRY	BANNARI AMMAN INSTITUTE OF TECHNOLOGY	TAMIL NADU	SOUTHERN
709	VISH20191868	404-ERROR FOUND	PEST IDENTIFICATION USING IMAGE PROCESSING	LAND	C.A.R.E. GROUP OF INSTITUTIONS	TAMIL NADU	SOUTHERN
710	VISH20192616	INFINITE ERROR	GROUNDWATER ESTIMATION AND CROP PREDICTION USING MACHINE LEARNING	WATER	C.A.R.E. GROUP OF INSTITUTIONS	TAMIL NADU	SOUTHERN
711	VISH20194837	CPTCT1	TECHNO GREEN APP	LIVELIHOOD	CENTRAL POLYTECHNIC COLLEGE	TAMIL NADU	SOUTHERN
712	VISH20195428	CPTCT2	KSHETRA - FERTILE SOIL	LIVELIHOOD	CENTRAL POLYTECHNIC COLLEGE	TAMIL NADU	SOUTHERN
713	VISH20194237	ADROIT	MODIFIED BIO-GAS DIGESTER	ENERGY	CHETTINAD COLLEGE OF ENGINEERING & TECHNOLOGY	TAMIL NADU	SOUTHERN
714	VISH20194309	ARMOUR	GRAMA BIKZ	ENERGY	CHETTINAD COLLEGE OF ENGINEERING & TECHNOLOGY	TAMIL NADU	SOUTHERN
715	VISH20196742	WASTE WATER	SEAWAGE CLEANING MACHINE	WASTE MANAGEMENT	CHETTINAD COLLEGE OF ENGINEERING & TECHNOLOGY	TAMIL NADU	SOUTHERN
716	VISH20196774	TECHNOTUNERS	DIGITIZED FARMING	LAND	CHETTINAD COLLEGE OF ENGINEERING & TECHNOLOGY	TAMIL NADU	SOUTHERN
717	VISH20196983	SAFTEY WOMEN	WOMEN SAFTEY DEVICE WITH GPS TRACKING AND ALERT	LIVELIHOOD	CHETTINAD COLLEGE OF ENGINEERING & TECHNOLOGY	TAMIL NADU	SOUTHERN
718	VISH20193203	FACTORY ENGINEERS	ECO FACTORY	ENERGY	CIT SANDWICH POLYTECHNIC COLLEGE	TAMIL NADU	SOUTHERN
719	VISH20193931	KISAN KE GANNA	COMPACT JAGGERY MACHINE	LIVELIHOOD	CIT SANDWICH POLYTECHNIC COLLEGE	TAMIL NADU	SOUTHERN
720	VISH20196494	GREEN ENGINEERS	VILLAGES AS THE FUTURE OF ENERGY BACKBONE	WASTE MANAGEMENT	CIT SANDWICH POLYTECHNIC COLLEGE	TAMIL NADU	SOUTHERN
721	VISH20191707	HUGS FOR BUGS	FOOD-FOOT-PRINT TRACKING APPLICATION THROUGH IOT AND BLOCKCHAIN	VALUE ADDITION OF RURAL HANDICRAFT AND AGRO INDUSTRY	COIMBATORE INSTITUTE OF TECHNOLOGY	TAMIL NADU	SOUTHERN
722	VISH20196300	TEAM HASHTAG 2.0	VIRTUAL PARIYAT USING XR	LIVELIHOOD	COIMBATORE INSTITUTE OF TECHNOLOGY	TAMIL NADU	SOUTHERN
723	VISH20196834	BYTEAM	SUPPLY CHAIN MANAGEMENT OF ORGANIC SUPPLIES USING BLOCK CHAIN	LIVELIHOOD	COIMBATORE INSTITUTE OF TECHNOLOGY	TAMIL NADU	SOUTHERN
724	VISH20194106	ELCONN	MEASUREMENT OF MOISTURE CONTENT IN SOIL AND SOLAR WATER PUMPS	ENERGY	CSI COLLEGE OF ENGINEERING	TAMIL NADU	SOUTHERN
725	VISH20194259	ZENISTA	IOT BASED CROP YIELD USING LED	VALUE ADDITION OF RURAL HANDICRAFT AND AGRO INDUSTRY	CSI COLLEGE OF ENGINEERING	TAMIL NADU	SOUTHERN
726	VISH20194448	MECHIES	HERBAL AIRCOOLER	LIVELIHOOD	CSI COLLEGE OF ENGINEERING	TAMIL NADU	SOUTHERN
727	VISH20196500	MECHONS	TEA SACK LIFTING TROLLEY	LIVELIHOOD	CSI COLLEGE OF ENGINEERING	TAMIL NADU	SOUTHERN
728	VISH20192211	EQUIPPED TO	PAPER BAG MANUFACTURING AND MARKETING	LIVELIHOOD	CSI POLYTECHNIC COLLEGE	TAMIL NADU	SOUTHERN

AICTE Vishwakarma Awards 2019

Team Name :	**AGCRONY**
Innovation proposal - Project Title :	**Smart System For Soil Moisture Observing**
Core Idea :	Land
Technology :	Internet of Things
Mentor (Faculty) :	**Mrs.A.Agnes Saleema(Assistant Professor)**
Team Leader (Student 1) :	P.Pavithra (II MCA)
Student 2 :	S.Kaayathri Devi (I m.sc Biotech)
Student 3 :	S.Mohana Priya (II BCA)
Student 4 :	P.Surendar (II MCA)
Submission on :	**07-10-2019**

Description:

In India, agricultural villages play an essential role in developing the country. Basically, agriculture depends on the monsoons which are not sure. The objective of our project is to supply water to the plant automatically, not only water also send notification, sms and mail to the farmers simultaneously about the status of the soil.

Components:

- Node MCU Module
- DHT 11 Sensor
- Mini DC Water Pump
- Jumper Wires
- Transducer
- 12V/1 AMP SMPS Power Adapter
- Soil Moisture
- Ardunio UNO Board
- Bread Board
- 5V Relay Module
- Transister
- USB Cable

First screenshot (Overview | Wia):
- dashboard.wia.io/spaces/spc_JxvT5Z4G/devices/dev_myy6j4nU/overview
- soil moisture sensor
- Things › Devices › nodemcu
- Overview | Events | Locations | Configuration | Debugger | Commands | Settings
- Add a Widget

Table
Event name	Data	Last updated
moisture	8	13 days ago
status	Ok	13 days ago

Moisture
8
Updated 13 days ago

status
Ok
Updated 13 days ago

Activate Windows
Go to Settings to activate Windows

Second screenshot (Events | Wia):
- dashboard.wia.io/spaces/spc_JxvT5Z4G/devices/dev_myy6j4nU/events
- soil moisture sensor
- Things › Devices › nodemcu
- Overview | Events | Locations | Configuration | Debugger | Commands | Settings
- Found 881 events
- 1 ... 9
- Export Data

status	10-01-2020 15:31:25
moisture	10-01-2020 15:31:25
status	10-01-2020 15:30:20
moisture	10-01-2020 15:30:20
status	10-01-2020 15:29:19
moisture	10-01-2020 15:29:19
status	10-01-2020 15:28:18
moisture	10-01-2020 15:28:18
status	10-01-2020 15:27:17
moisture	10-01-2020 15:27:17
status	10-01-2020 15:26:16

```
1 {
2   "id": "fcea7a1c-6844-415c-bb85-8f1fa074cb3e",
3   "name": "status",
4   "data": "Ok",
5   "dataJson": null,
6   "file": null,
7   "timestamp": 1578650485000
8 }
```

Activate Windows
Go to Settings to activate Windows