

About the Company:

iLogitron Technologies is registered under Ministry Of Corporate Affairs, GoI on 21st June 2018 as a Private Limited company. We are recognized by DIPP, Govt. of India, MSME and supported by StartUpIndia. We have been selected under Directorate of Information Technology, Govt of Tripura as the first eligible startup to avail the StartUp Tripura scheme. We are currently incubated at Software Technology Parks of India (STPI) Agartala and virtually incubated at NASSCOM 10000 startup.

Registered Business Name: **iLogitron Technologies Private Limited.**

CIN: U74999TR2018PTC013575

GSTIN: 16AAECI9147D1ZL

Contact: info@iLogitron.com / abhishekdhara29@gmail.com

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Founder's Profile:

Abhishek Dhar, Founder & Business Head

Education:

- Masters in Communication and Signal Processing Engg - NIT Silchar
- B.Tech in Electronics & Telecomm. Engg - KIIT Bhubaneswar

Career:

- Business Head & Co-founder
iLogitron Technologies Pvt Ltd
 - Managing and leading the Business Development and Operation.
 - Customer Relationship Management.
 - Keeping an eye on Research and developmental activities.
 - Promoting Products across the heterogeneous client profiles
- Senior Executive (Sales)
H & R Johnson (India) Div
 - Channel Sales across North Eastern States & Bengal.
 - Corporate business Development activities.

Debasish Dhar, Founder & Tech Head

Education:

- B.Tech in EElectronics & Telecomm. Engg - KIIT Bhubaneswar

Career:

- Tech Head & Co-founder
iLogitron Technologies Pvt Ltd
 - Managing and leading the R&D Wing.
 - Customer Relationship Management & ensuring successful on-time delivery
- Associate Consultant
Wipro Technologies
 - Analyzing client's requirement to build solution
 - Designing & developing scalable solution to meet client's requirement
- Application Development Associate
Accenture India
 - Bug detection & fixing, ensuring seamless business

Product Details:

ISYNC SMARTAGRI

[first-of-its kind bamboo based IoT(electronic Device) device]

Everyday humans are getting more and more dependent on IoT products and hence it is raising the demand for more solution makers to build innovative solutions. It is estimated that 21.5B IoT devices will be installed by 2025, which clearly signifies the rising demand of IoT solutions and large-scale integration. Social media world has already introduced the top-notch technologies around the globe to the common people, it is now the supply that can fill the everyday rising demand.

iSync is a highly scalable IoT Platform developed by iLogitron, which integrates a range of devices. *iSync-SmartAgri* is a first-of-its kind bamboo based IoT(electronic Device) device which makes urban indoor farming a very hassle free process. It's that we observed, urban families love to do indoor gardening, but the hassle for maintaining or watering the plants regularly, is what turns them off! And due to hectic schedule or trips or other circumstances, people often miss to water the plants on their terrace or balcony, and that's where *iSync-SmartAgri* comes to play. It's a self-installable mini drip irrigation kit, which comes with pipes and all necessary fittings. User can connect all the plants through the drip kit and this pipe is connected to the device outlet point. The inlet point of the device is connected to a water source from where the device pulls up water and sprinkles on the connected plants. The device connects to internet through the Home WiFi and user then controls the device through his/her mobile app, anytime, from anywhere. Every time user taps on the mobile app, the device starts and it starts sprinkling water on the plants.

Our Eco-frinedly Electronic device promotes upto 25% reduction in e-waste generation.



iLogitron's electronic devices are built by rural bamboo artisans in Tripura, who not only manufacture the bamboo casing but build the complete device— from circuit assembly to packaging. This isn't just a eco-friendly production procedure it also generates huge employment opportunities in rural India. Currently, lot of bamboo artisans are working for iLogitron from their mini workshop set-ups at their homes in three villages in Tripura. For each device iLogitron sells, ten percent of the sales value goes directly to bamboo artisan.



ISYNC SMART-HOME

iSync-SmartHome is the next one from our SKU, which is a plug-n-play IoT Device that can retrofit into any existing electrical connection in any home and turn all the native appliances Smart, without the need of replacing any existing electrical appliance with Smart Appliance.

Lights, fan, Air conditioners, Geysers, Exhausts or any electrical appliance can be controlled using the mobile app or voice command, from anywhere across the globe. User doesn't only get the liberty to turn on the AC/Fan before reaching home but even if he/she forgets to turn off any appliance before leaving the home, he/she can do it even from outside. The device also keeps a track of the energy consumed by the appliances & help us control the excess energy consumption through Motion detection and response management.



ISYNC REMOTE SERVEILANCE

Objective: Remote Monitoring System for Surveillance of Construction Sites through Web/Mobile Application

Scope of Work:

- Installation of Monitoring Setup at site (Portable).
- Development of Web Application/Mobile Apps for Remote Viewing.
- Ensuring Power Supply and Internet Connectivity.
- Deployment of Manpower to ensure installation process and dismantling

Solution Provided:

A standalone solar powered monitoring setup has been introduced by iLogitron, running on a 7.2Ah battery, powered by a 50W polycrystalline solar panel, which can be adjusted to the sun direction without disturbing the Camera setup. The system has a power backup up to 4hrs in case of Absence of Sunlight. The system is equipped with its own internet access through a 5G data card mounted on its control unit which supports all type SIM.

Working Principle & Flow Diagram:

The Camera itself acts as a Server/Master once there is internet connectivity, and the application user becomes the nodes/slave and hence the user can completely control the camera positions and view the live capture from the camera. Cloud storage is available for storing the Captured Videos as well as a Micro SD Card of 128 GB is present inside the camera for storing the Captured video up to 15 days of whole day usage. The camera is a PTZ Camera and hence can be rotated in multiple direction remotely as well as zooming option is there to view the distant view in a better way. It also has 4 IR LEDs for night vision, along with 4 White LEDs for colored vision during night. It has inbuilt microphone and speaker for two way communication.

The Structure of the Monitoring Setup:



Realtime view of the Monitoring Setup:

