Power Integrated Solution

WORKING DOMAIN

- ❖ **EMBEDDED IOT.**
- ❖ **POWER ELECTRONICS.**
- ❖ **MOBILE APPLICATION.**
- ❖ **EDUCATIONAL PROJECTS.**

OUR PRODUCT

OUR PROJECTS

- **WIRELESS SENSOR NETWORK**
- **HOME AUTOMATION**
- **BUILDING AUTOMATION**
- **INDUSTRIAL IOT**
- **NOTIFICATION HUB**
- **SECURITY & SERVILLANCE**
- **SMART IRRIGATION**
- **WEATHER MONITROING**
- **AUTOMATIC STREET LIGHTING**
- **SMART GARBAGE**

ABOUT US

Power Integrated Solutions, the innovators in Commercial, Electronics Products, Engineering Lab Equipment's and Renewable Energy based Government projects. Our service offers for the complete product development cycle.

Our team has more than 10+ year experience in the field of embedded, Power Electronics with the support of IOT. Along with Software based application designing, product development, project training and course training so.

In the world, there is a strong demand from industry for engineers who will implement new technologies. We have also done more than 3000 IEEE & NON-IEEE Academicals projects based on Electronic, Electrical, Computer Science, Power Electronics and Power System to support the Engineering Students.

Company Support

SERVICES

SOLAR PANEL ERECTION AND COMMISSIONING WORK
Neyveli, Perambalur and Kulumini.

RANE EVL – ELECTRICAL MAINTANANCE SUPPORT
Trichy.

WHO WE ARE

POWER INTEGRATED SOLUTIONS was started in 2015 by a group of peoples Madhan Kumar.M, and Kamaraj.K (Managing Partner) with the objective of making embedded, electronics and electrical products easily accessible to anyone.

Back then embedded field was considered a difficult entry point due to non-availability of high quality components & information. What makes us different is, we try to visually explain about our products instead of just theory and datasheet and keep you wondering

It's nice of you to take the time to get to know us better. thought you might like to know

POWER INTEGRATED SOLUTIONS must be an exciting and attractive place of work with highly motivated and well-qualified professionals. It is of paramount importance that the beginners consider it meaningful to gain high-tech knowledge. The environment provides each individual the possibility to apply his/her talents.

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SMART SWITCHING:

ABOUT THE PRODUCT:

Product Name Smart Switching is completely automated through Mobile Commands or by Voice communication through IoT Technology, we can manage our electrical load like fan, AC, LIGHTS and Motors from anywhere in the world.

WATER CONTROLLER REAL TIME:

ABOUT THE PRODUCT:

Product Name REAL TIME WATER CONTROLLER   is completely automated through Sensor Commands through Wired and Wireless Technology, we can manage our Water Level on the Tank and Managing the Automatic Switching ON and OFF, when it reaches a threshold values.

AUTOMATIC CLAY BRICKS MAKING MACHINE:

ABOUT THE PRODUCT:

AUTOMATIC CLAY BRICKS MAKING MACHINE, it can works in 230V AC Supply, it can able to make a 24 Bricks per Minute that was a bigger advantage in our Machinery. Our Machinery is available in both SS and MS type Materials. It can able to work in Both Automatic and Manual Mode function.

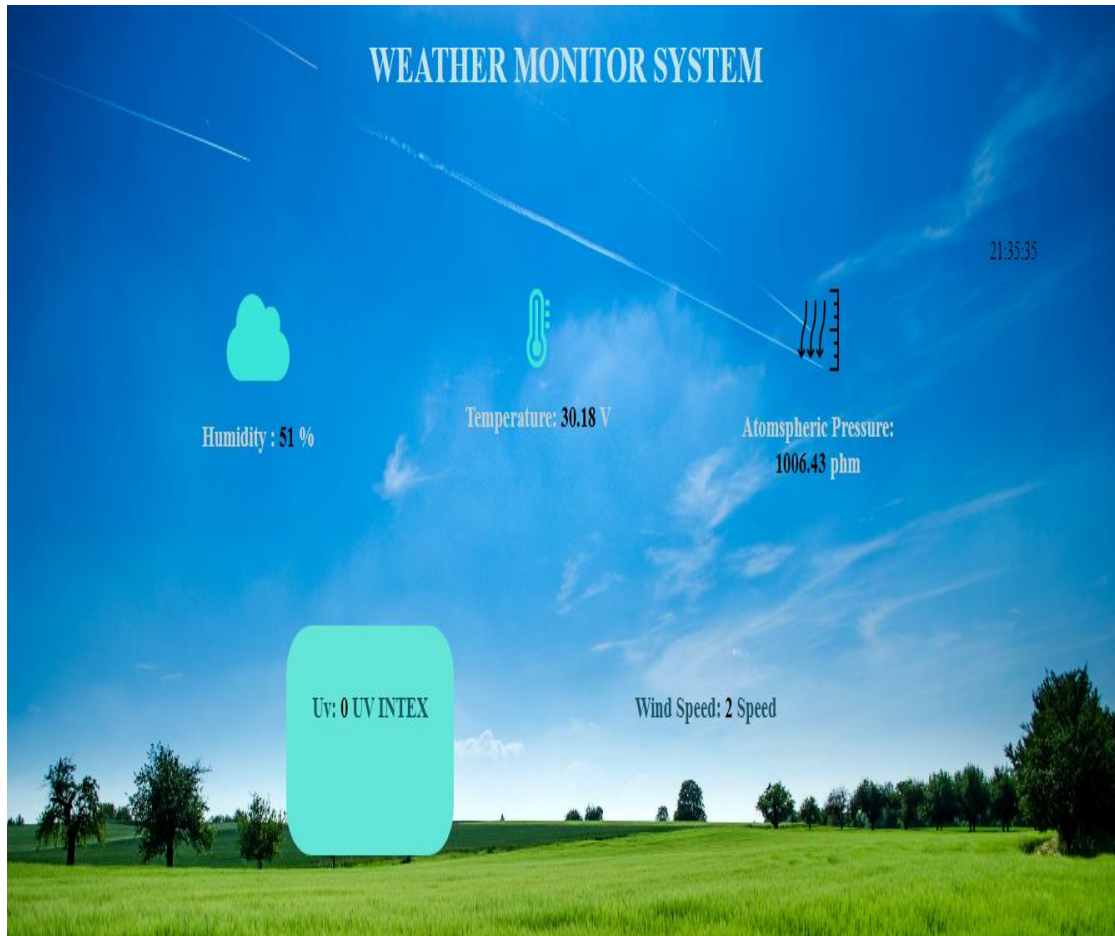# ON GRID AND OFF GRID SOLAR POWER SYSTEM:

ON GRID:

The on-grid solar system also known as grid tie or connected solar system. This is the most cost effective type for solar system compare to off grid and hybrid solar system for electricity saving or reduce bill. In this solar system, solar inverter converts the DC electricity produced by solar panel into AC electricity. Which can then be used directly at home or business.

OFF GRID:

Being off-grid means you are not connected in any way to your grid's power system or utility company. This is appealing because you are 100% self-sustaining your energy use. In Excess we adding Battery Storage for an additional capacity. In this solar system, solar inverter converts the DC electricity produced by solar panel into AC electricity.

IOT BASED WEATHER MONITORING SYSTEM:

ABOUT THE PRODUCT:

This Product is completely about to monitor the Temperature Range, Humidity, Atmospheric Pressure, Wind Speed, and UV Range of the Weather.