



# SMART METERING IOT TRAINER

MODEL- S-MET-IoT100

This trainer has been designed with a view to provide theoretical & practical knowledge of Smart Factories IoT .



## What is Smart Factories IoT

- **The Smart Factories Internet of Things is nothing but to control different Equipments and parameters of Factories and to control them remotely through Internet at required levels.**

Following four parameters are controlled with required Sensors.

### 1. Wine Quality Enhancing

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## SPECIFICATIONS

1.	Plug & Sense! Smart Agriculture-PRO 802.15.4-PRO	: 2 Nos
2.	Plug & Sense! Smart Agriculture 802.15.4 -PRO	: 1 No.
3.	Temperature + Humidity (Sensirion) Sensor Probe	: 3 Nos.
4.	Atmospheric pressure Sensor Probe	: 1 No.
5.	Soil moisture 1,5 m Sensor Probe	: 3 Nos.
6.	Soil moisture 4,5 m Sensor Probe	: 3 Nos.
7.	Solar radiation Sensor Probe	: 2 Nos.
8.	Soil/Water temperature (Pt-1000) Sensor Probe	: 2 Nos.
9.	Leaf wetness Sensor Probe	: 3 Nos.
10.	Rechargeable Battery	: 4 Nos
11.	External Solar panel	: 4 Nos
10.	Anemometer+ Wind Vane + Pluviometer	: 1 No.
11.	Ethernet Gateway	: 1 No
12.	Software	: 1 No.
13.	Interface Cables	: 1 Set

## EXPERIMENTS

1. To Study Theory and Block Diagram of Smart Factories IoT