

## HOME AUTOMATION PRODUCTS INSTALLATION TRAINING

DAYS	TOPICS COVERED
<b>Day 1</b>	<p><b>Electrical Introduction</b></p> <ul style="list-style-type: none"> <li>➤ What is meant by Electrical Energy</li> <li>➤ What is meant by voltage, current, power</li> <li>➤ What is meant by AC Supply, DC supply</li> <li>➤ Need of Electrical Energy</li> </ul> <p><b>Electronics Introduction</b></p> <ul style="list-style-type: none"> <li>➤ What is meant by Electronics Engineering</li> <li>➤ Need of Electronics</li> <li>➤ List Of Electronics Components</li> <li>➤ Resistor, Inductor, capacitor</li> <li>➤ What Is meant by Circuit</li> <li>➤ Types of circuit (series, Parallel)</li> </ul> <p><b>Home Automation</b></p> <ul style="list-style-type: none"> <li>➤ Introduction to Home Automation</li> <li>➤ History</li> <li>➤ Need of Home Automation</li> <li>➤ Home Automation Developments</li> <li>➤ Automation Types-               <ul style="list-style-type: none"> <li>✓ Remote Control</li> <li>✓ Timer Based,</li> <li>✓ Wifi Based</li> </ul> </li> <li>➤ Internet of things(IOT)</li> <li>➤ Components</li> <li>➤ Applications and technologies</li> <li>➤ Implementations</li> </ul> <p style="color: red;"><b>Home Automation Products</b></p> <p><b>1.Remote controller for Fan &amp; Light</b></p> <ul style="list-style-type: none"> <li>➤ Connection Diagram</li> <li>➤ Specification about the Device</li> <li>➤ How the device works</li> <li>➤ Where it can be used</li> <li>➤ Advantages of using the Product</li> <li>➤ Installation Practical's</li> </ul>

	<p><b>2.Timer controller for Ac &amp; Fan</b></p> <ul style="list-style-type: none"> <li>➤ Connection Diagram</li> <li>➤ Specification about the Device</li> <li>➤ How the device works</li> <li>➤ Where it can be used</li> <li>➤ Advantages of using the Product</li> <li>➤ Installation Practical's</li> </ul> <p><b>3.Water Level Motor Controller (Wired)</b></p> <ul style="list-style-type: none"> <li>➤ Connection Diagram</li> <li>➤ Specification about the Device</li> <li>➤ How the device works</li> <li>➤ Where it can be used</li> <li>➤ Advantages of using the Product</li> <li>➤ Installation Practical's</li> </ul>
<p><b>Day 2</b></p>	<p><b>4. Water Level Motor Controller (Wireless)</b></p> <ul style="list-style-type: none"> <li>➤ Connection Diagram</li> <li>➤ Specification about the Device</li> <li>➤ How the device works</li> <li>➤ Where it can be used</li> <li>➤ Advantages of using the Product</li> <li>➤ Installation Practical's</li> </ul> <p><b>5.Automatic Switching System (Light, Fan, TV &amp; AC)</b></p> <ul style="list-style-type: none"> <li>➤ Connection Diagram</li> <li>➤ Specification about the Device</li> <li>➤ How the device works</li> <li>➤ Where it can be used</li> <li>➤ Advantages of using the Product</li> <li>➤ Installation Practical's</li> </ul> <p><b>6.Motion Sensor</b></p> <ul style="list-style-type: none"> <li>➤ Connection Diagram</li> <li>➤ Specification about the Device</li> <li>➤ How the device works</li> <li>➤ Where it can be used</li> <li>➤ Advantages of using the Product</li> <li>➤ Installation Practical's</li> </ul>

## Day 3

### 7. Door Sensor

- Connection Diagram
- Specification about the Device
- How the device works
- Where it can be used
- Advantages of using the Product
- Installation Practical's

### 8. Controlling the products using Cloud (IOT).

- What is meant by Internet Of Things ( IOT)
- What is meant by cloud
- How IOT works
- Advantages of IOT
- Applications of IOT



Cell: 98410 99911 | 94440 34246 | [www.chipsystems.in](http://www.chipsystems.in) | [admin@chipsystems.in](mailto:admin@chipsystems.in)