

## **INDUSTRIAL VISIT OF 2022– 2026 BATCH**

### **SATWAY INFOSYSTEMS PRIVATE LIMITED, ANGAMALY**

Batch 22 students of SSET (2022 - 2026) visited Satway Infosystems Private Limited, Angamaly, on 1st March 2024. The Satway Infosystem private Limited was established On 29 November 2018. They are ISO 9001-2015 certified company bring innovations in IOT devices and software development. They have excellent team for development, design, support, test and maintenance .They provide smart solutions for companies of all size and pride themselves in their unparalleled, dedicated services. This production unit is fully capable in manufacturing and delivering products in any number and volume, with short time leads.

The engineer-in-charge took around from one section to the next and explained the process involved in making of various electronic devices .One such devices was SATWAY NOM AIS-140 2G. SATWAY XYOM is an IRNSS-GNSS vehicle tracking device that has been approved by ARAI and is ISO 9001-2015 certified. It features a Quad Band GSM that operates on frequency 850/900/1800/1900 Mhz and GNSS Dounline with an accuracy of 1.5 meters. The device boasts superior Firmware Over The Air [FOTA] capability, allowing for remote updates to the device firmware. It supports two-way GPRS communication, enabling control of the device through the Satway portal.

The device is equipped with four digital inputs and 2 digital outputs, along with two configurable digital input-outputs. It also support 1- wire protocol and serial RS485 communications. There are two analogue inputs, as well as accelerometers and gyro sensors. It is waterproof with IP65 grade protection and includes an embedded sim with dual operator capability. It can handle a variable DC power input range from 8 to 32 Vdc and features all inbuilt antennas, making it tamper proof. Additionally, it comes with an inbuilt battery. And other some devices are SATWAY VELOCITY AIS-140 4G LTE, QR CODE SOUND BOX, DYNAMIC QR CODE SOUND BOX And WIRELESS WATER LEVEL CONTROLLER.

Industrial visits are not merely educational outings, they are transformative experience that mold well-rounded individuals prepared for challenges of the professional world.

