ELC
EXPERIENTIAL LEARNING CENTRE
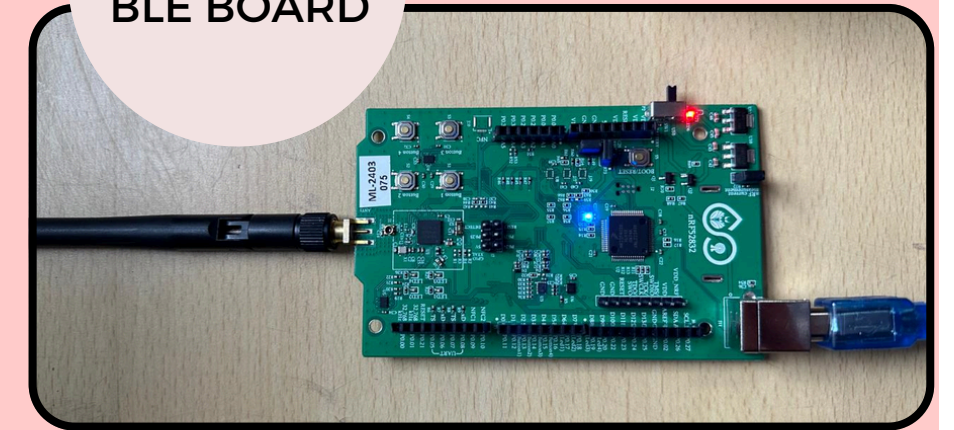TIET, PATIALA

BLUENODE NETWORK

- **Created a network of nodes Implmenting at different locations**
- **sending data to main system**
- **and uploading data to cloud.**

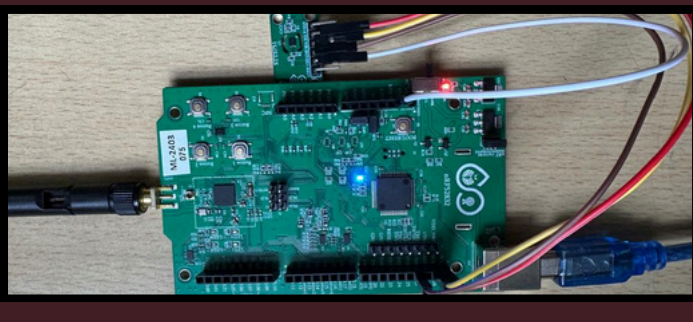
TRANSMITTER-NODE WITH SENSOR
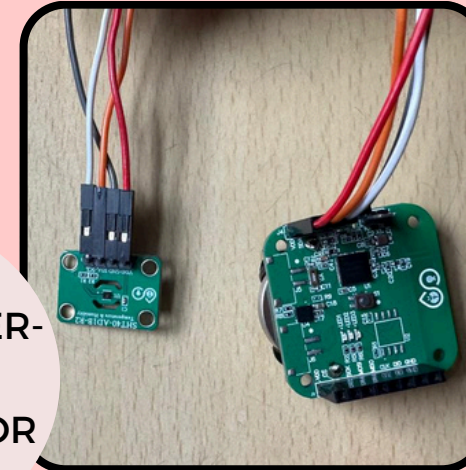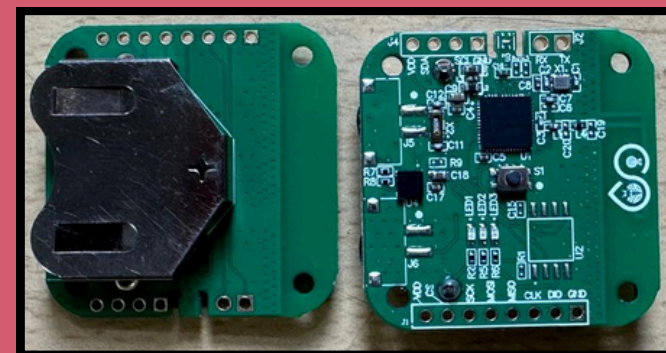
RECEIVER - BLE BOARD

01 BLE IMPLEMENTATION

- Explored the BLE ie nRF52832.
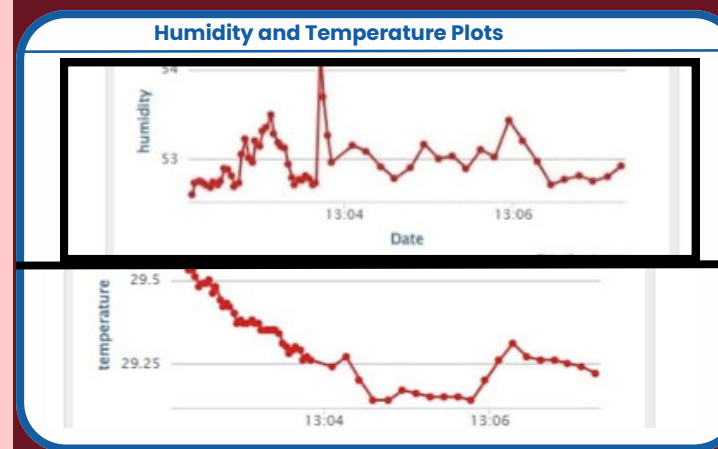- Worked with numerous sensors and integrating them.

02 NODE CONFIGURATION

- Worked with Node , a compact version of BLE

03 CLOUD INTEGRATION

- Uploading data to cloud i.e. ThingSpeak, an IOT platform

Humidity and Temperature Plots

04 GSM Module

- Integrating GSM Module for reliable communication over LTE 4G networks.

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