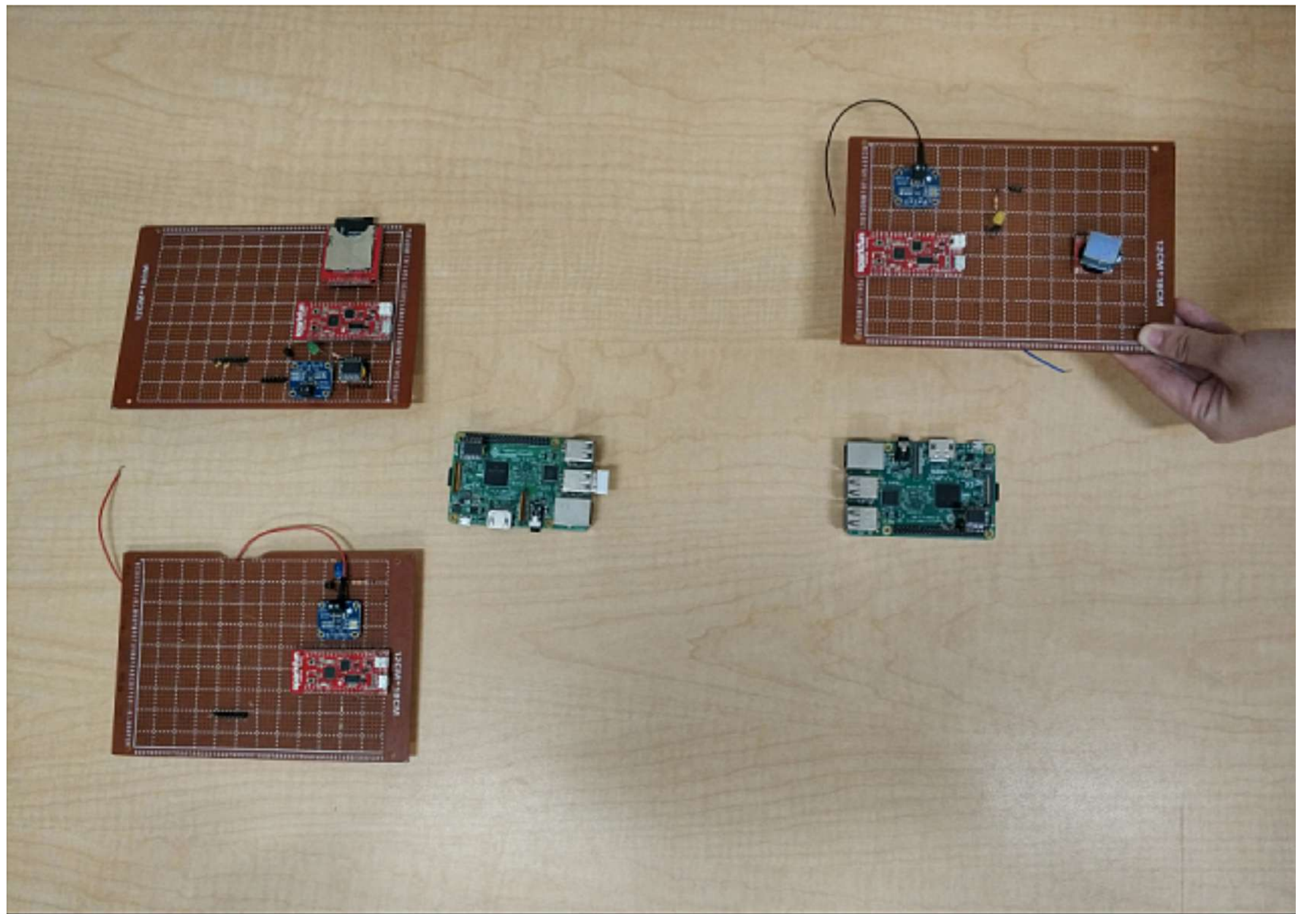


Dynamic Energy Monitoring for Smart Devices using IoT

Technology Used:

- IoT - Internet of Things
- Mesh Network

- Wireless power monitoring within a mesh network
- Monitoring device are interconnected
- Mesh network increase the coverage area
- Real time power analysis and plotting with Grafana



Raspberry Pis are WiFi access points, and Aduinos are end devices. In this mesh network, every node can communicate with each other directly. As a result, Even the Arduino change the connection; the data will still transmit to the master Raspberry Pi in a real-time manner.