

## **PG-Diploma in Embedded System Design, March 2023**

### **Course Content**

1. IoT Trends, IoT Architecture, IoT Applications
2. IoT Standards and Protocols
3. Wireless LAN: IEEE 802.11
4. Wireless PAN: IEEE 802.15.1 & 802.15.4, Zigbee,
5. Bluetooth, BTLE, LPWAN (LoRa, NBIoT), 6LowPAN
6. REST, CoAP, MQTT
7. Basics of Cryptography, Overview of IoT and Embedded security
8. Overview of 5G technologies