IOT WORK SHOP

1)FIRST DAYS WORKSHOP CONTENT

1. Introduction about IOT
2. Enabling technologies of IOT
3. Applica1ons Of IOT
   - **Facilities**
   - **Safety**
   - **Classroom Technologies**
   - **Tutoring Spaces**
   - **Residential Services**
   - **Disability Services**
   - **Sports and Fitness**
   - **Physical and Mental Health**
4. Challenges and Barriers in IoT
5. Future of IIo
6. Introduction about Microcontroller to Control IOT

SECOND DAY CONTENT

1. Introduction about GPRS/WI-FI modules
2. GPRS/WI-FI Module testing in programming
3. Working with GPRS/WI-FI with command without programming
4. Modules interfacing with microcontroller
5. Upload sensor data to webpage

THIRD DAY CONTENT

1. Controlling modules through network
2. Introduction about Robotics and different types of robots
3. Importance of EMBEDDED in robotics
4. Introduction about DC motors and servo motors
5. Robot controlling with different sensors and motors
6. Manual and automatic robot designing, controlling

7   student level based robots Implementing