***ASSIGNMENT – 1***

* **Smart Factories**
  + Enterprise Assest Management
  + Predictive Maintenance
  + Industrial Process Automation/Optimization
  + Energy Management
* **Smart Cities**
  + Outdoor Surveillance
  + Smart Lighting
  + Electronic Road Toll Collection & Traffic Management
  + Smart Parking
  + Noise Monitoring
  + Structural Health Monitoring
  + Waste Management
* **Water Management**
  + Water Conservation
  + Smart Irrigation
  + Leakage Management
  + Water Quality Management
* **Digital Health**
  + Ultraviolet Radiation Monitoring
  + Fall Detection
  + Companion Robots
  + Medical Fridges
  + Patient Surveillance/Remote Patient Monitoring
* **Smart Retail**
  + Supply Chain Control
  + Near Field Communication (NFC) Payment
  + Layout Optimization
  + Smart Product Management
* **Smart Workplace**
  + Sociometric Badges
* **Smart Homes**
  + Remote Control Appliances
* **Home Intrusion Detection Systems**
  + Smart Locks
  + Motion Dectection
* **Smart Logistics**
  + Fleet Tracking
  + Platooning
  + Connected Vehicles
* **Smart Metering**
  + Smart Grid
* **Digital Twins**