Internet-of-Things
MCA 5036

By,

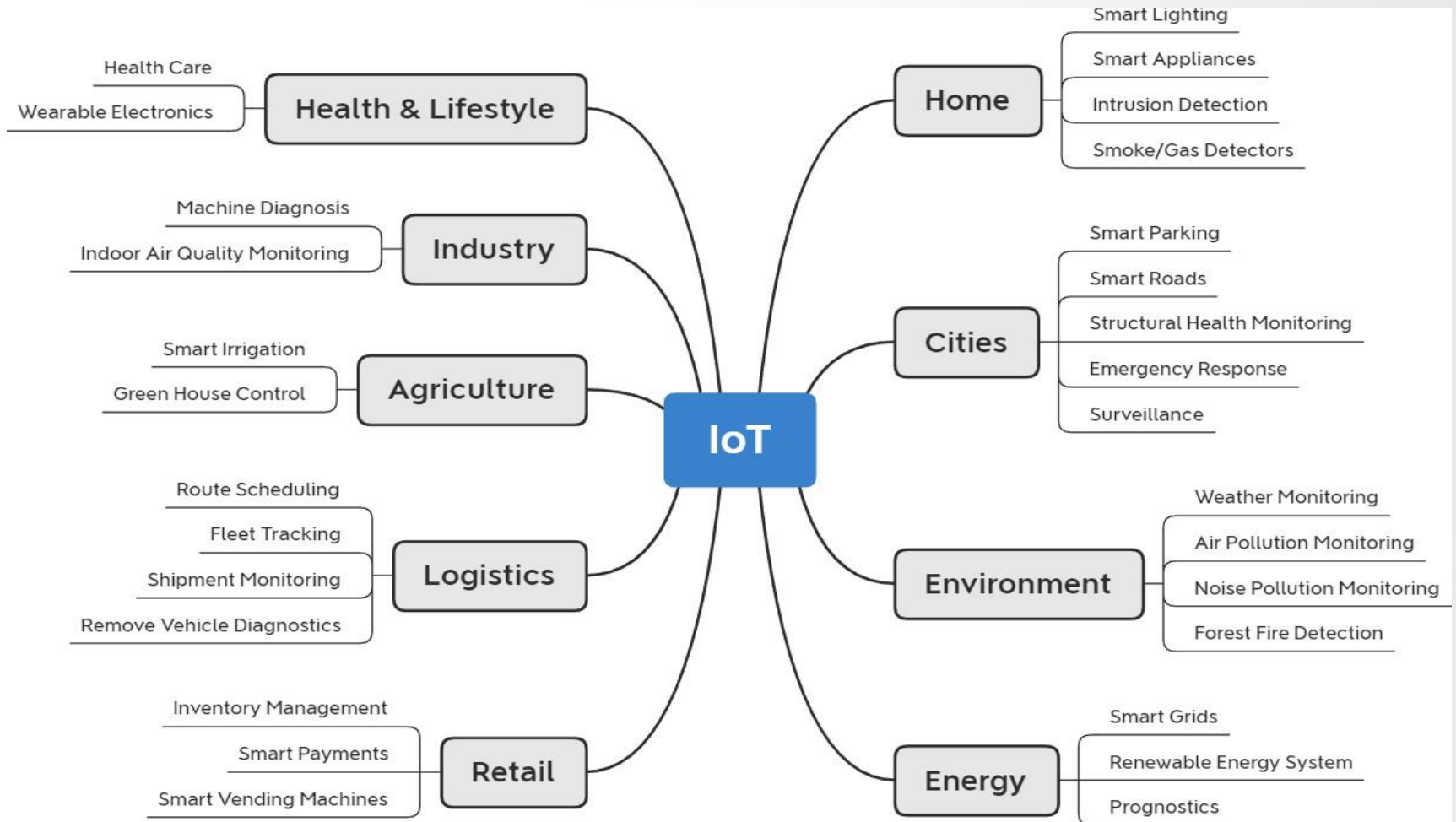**Dr. Vidya Rao**
Assistant Professor,
Dept of DSCA, MIT, MAHE

- Introduction
- Home Automation
- Cities
- Environment
- Energy

- Retail
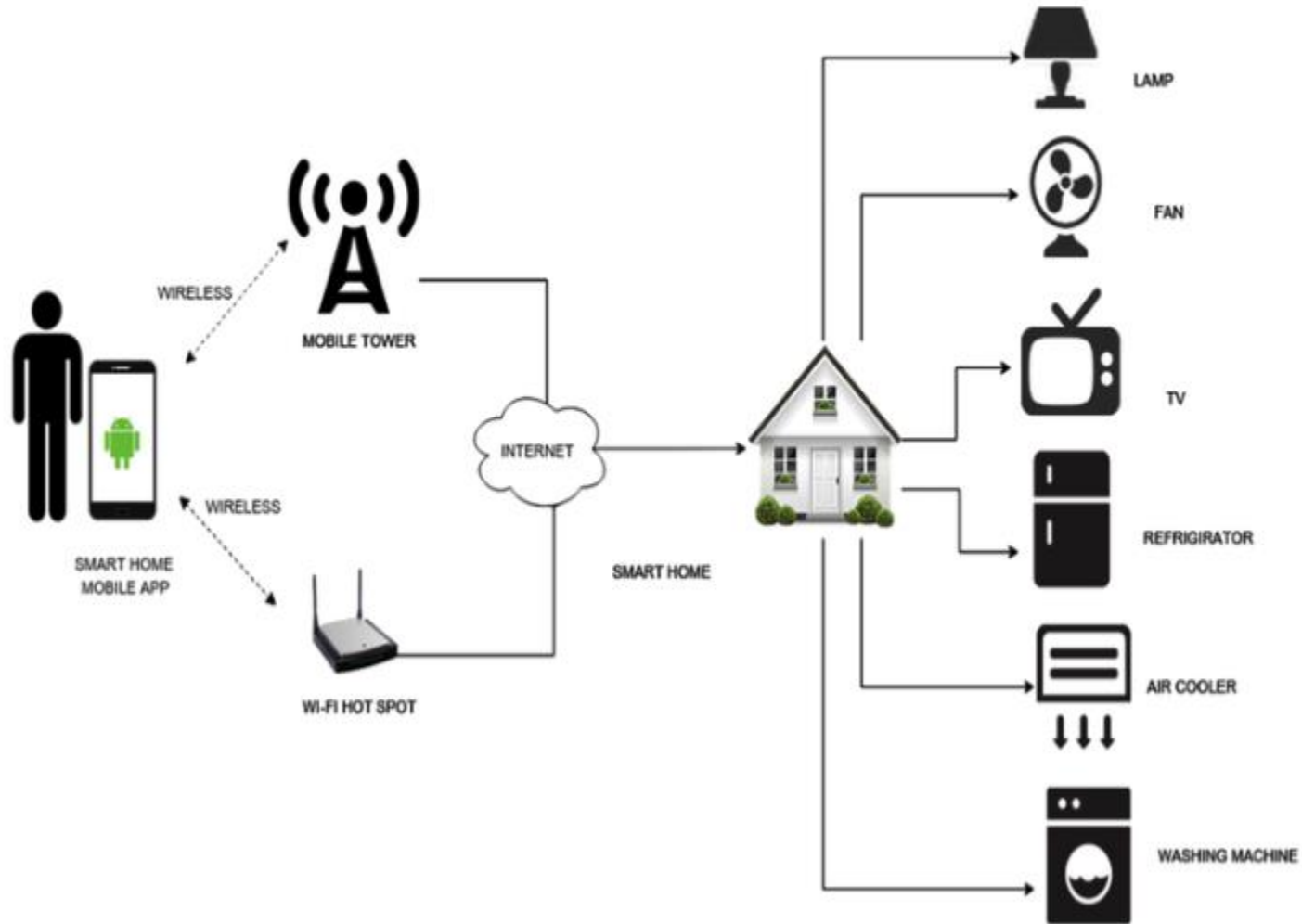- Logistics
- Agriculture
- Industry
- Health & Lifestyle

Introduction – Applications of IoT

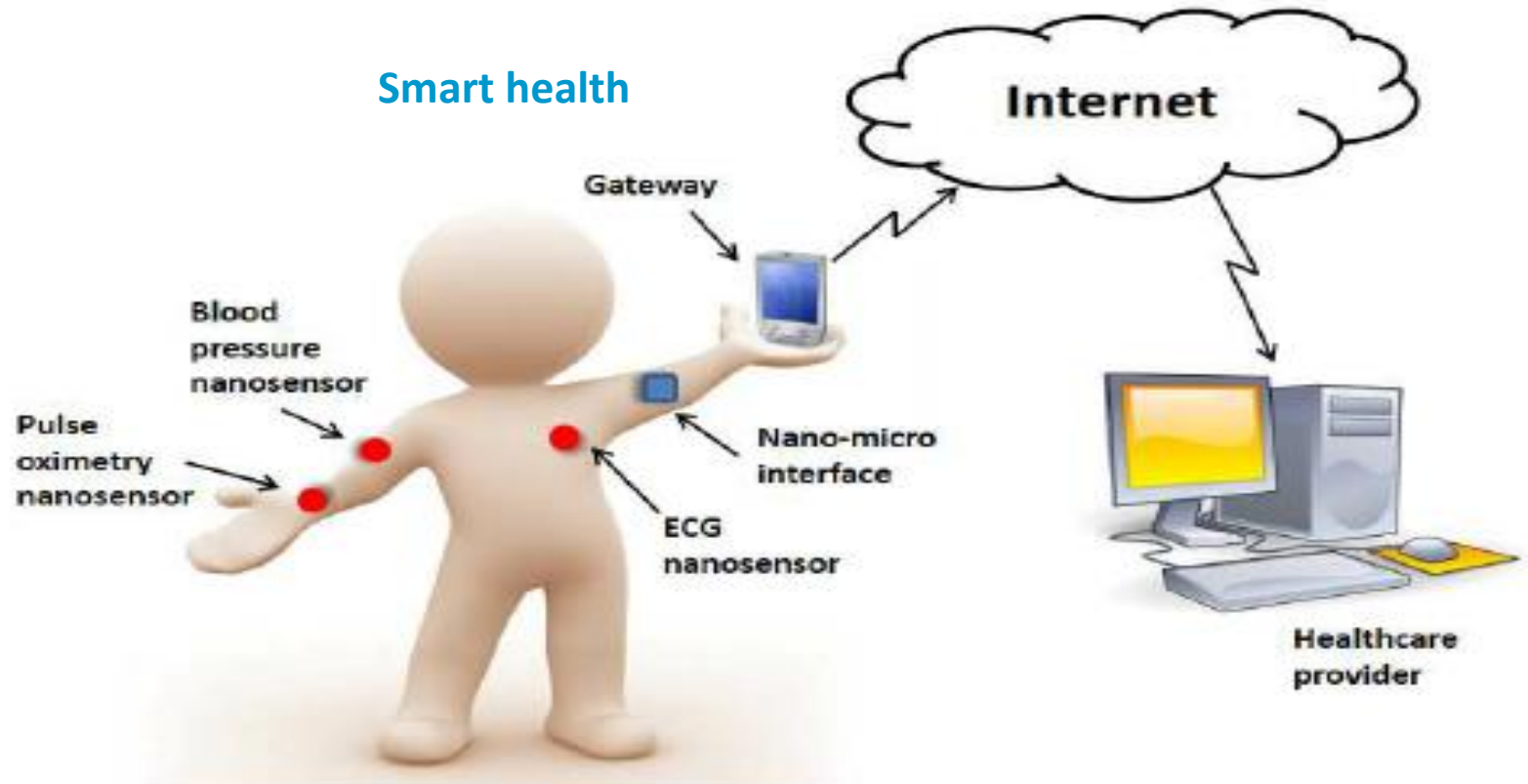# Home Automation

Smart Home

Smart Home

Smart Health Care

Interfacing Bio Sensors with the Internet

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Smart Transport

Wireless Mesh Cellular 3G/LTE

Gateway

Smart Transport Video

Traffic Management Controller (TMC)

Road-Side Sensor   In-Road Sensor   ←→ Traffic Monitoring

Smart Ocean Study
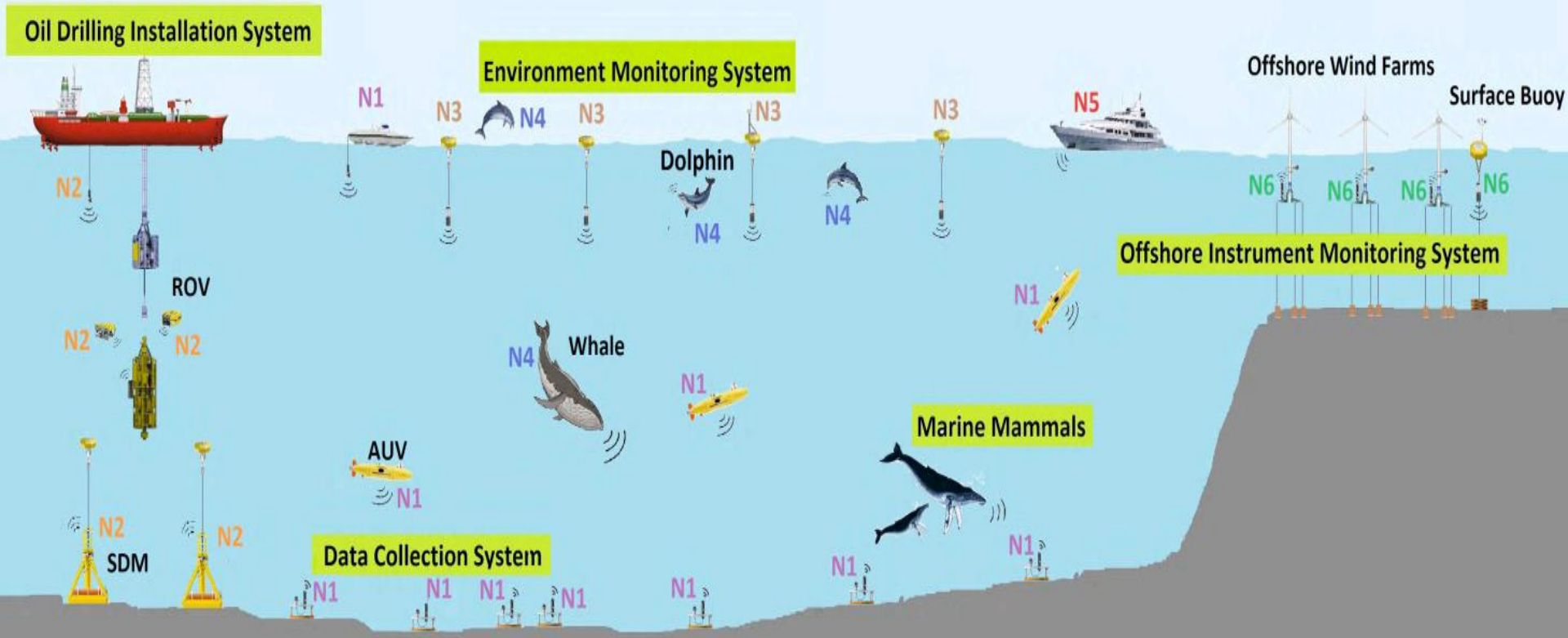
Monitoring of objects underwater and over the sea

Smart Battlefield

Communication and Processing of Information within a battle field.

Smart Farming

Crop Monitoring   **Weather Monitoring**   **Air Monitoring**

Main Sensor Post

Data Server

Monitoring System

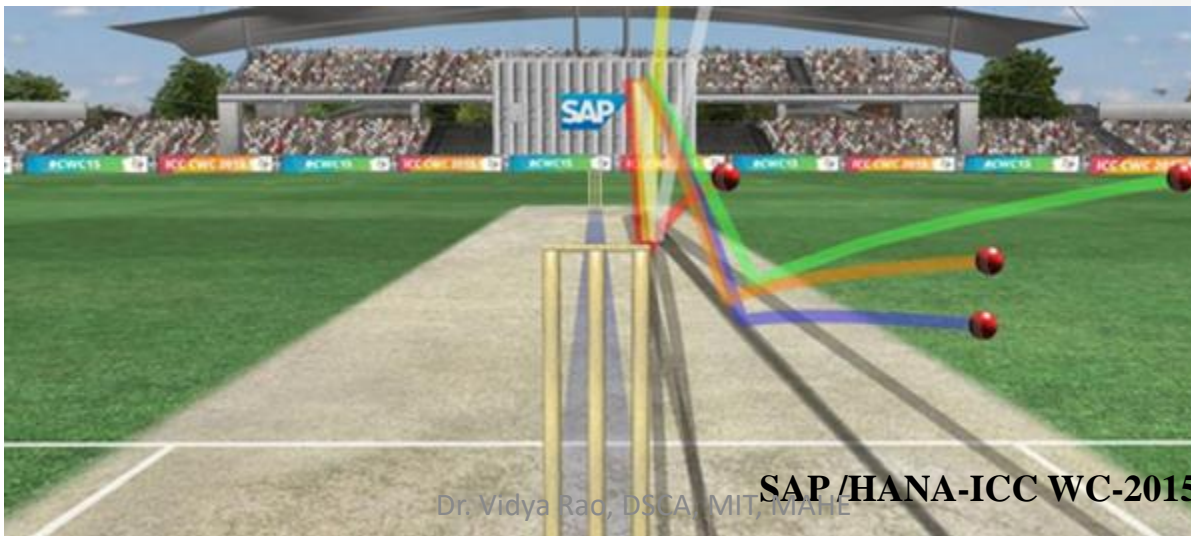**Real-time Data**
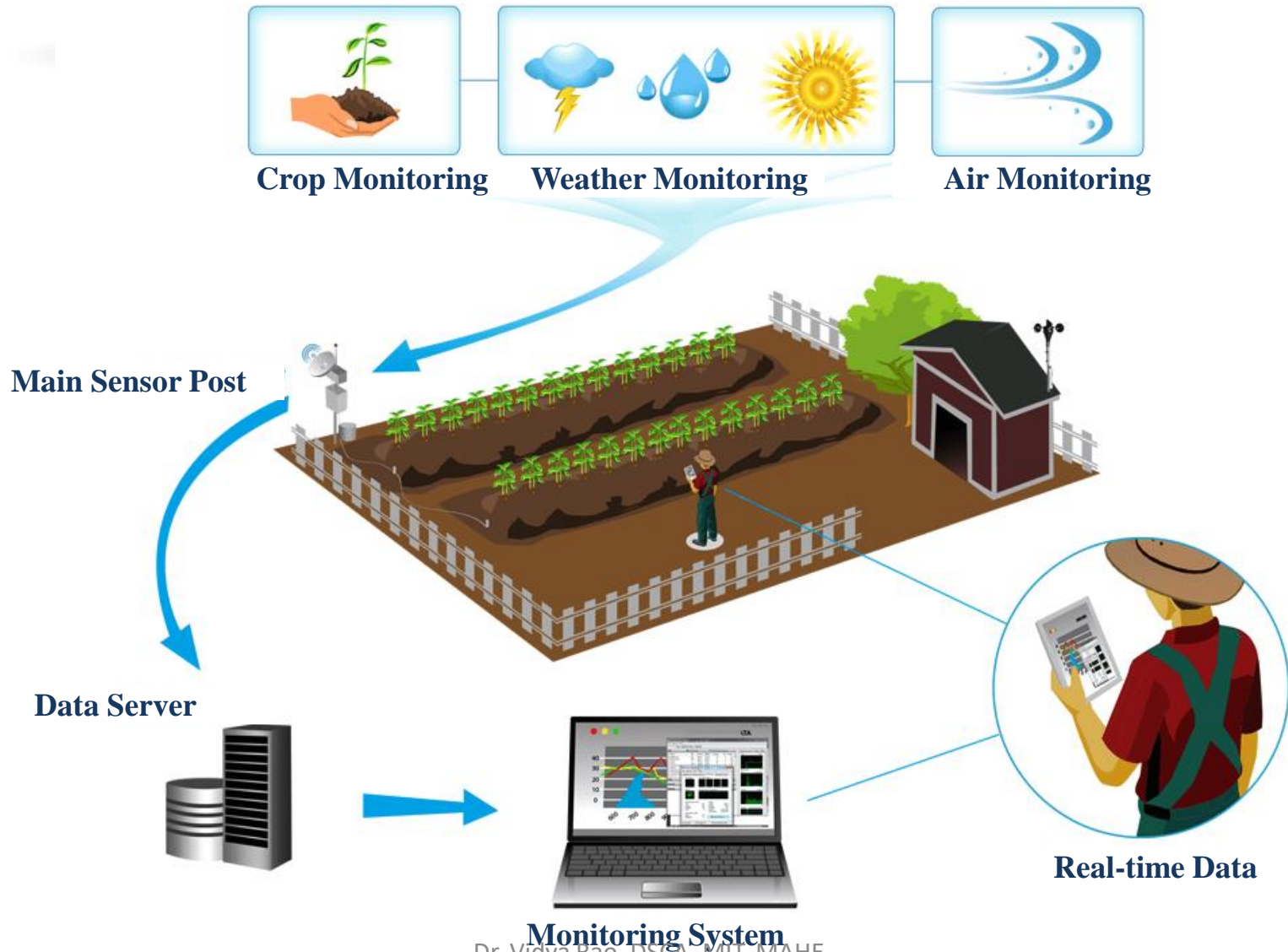
Smart Environment

Air Quality

Noise Quality

Waste Management

Temperature Humidity

IoT in Sports

SAP /HANA-ICC WC-2015
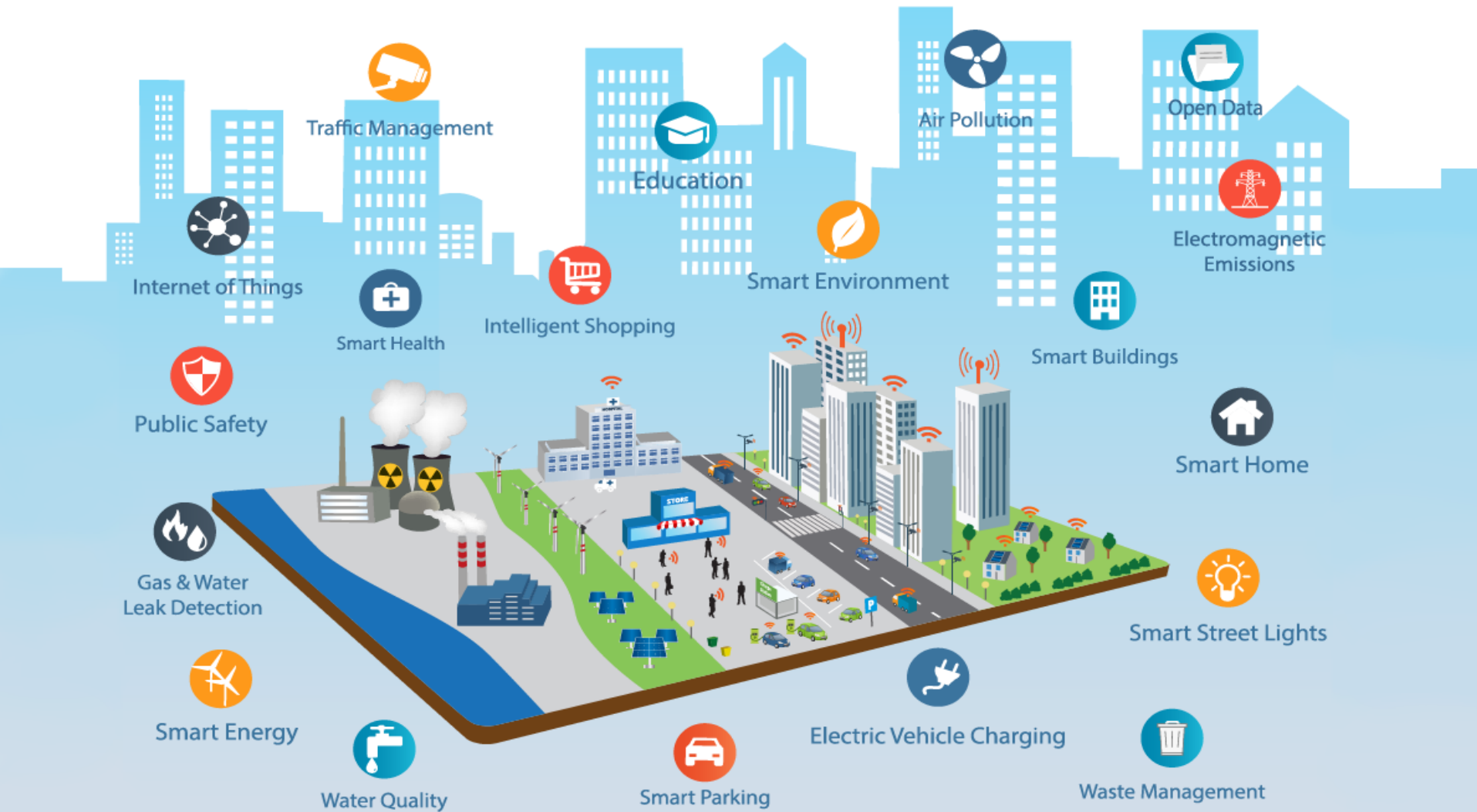
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Smart Power Grid

Video Smart Grid
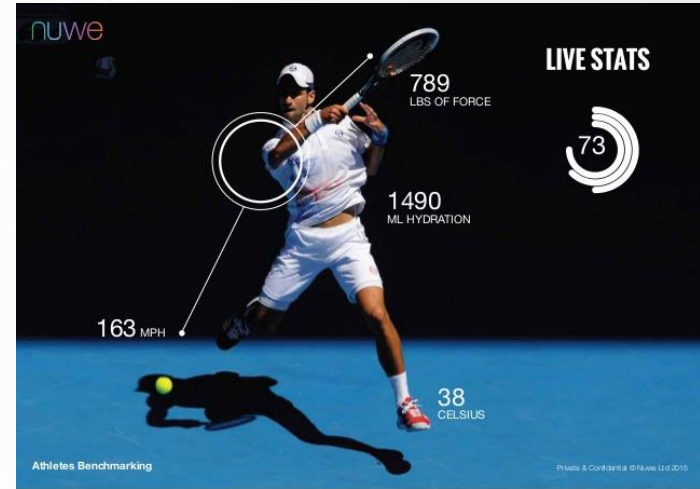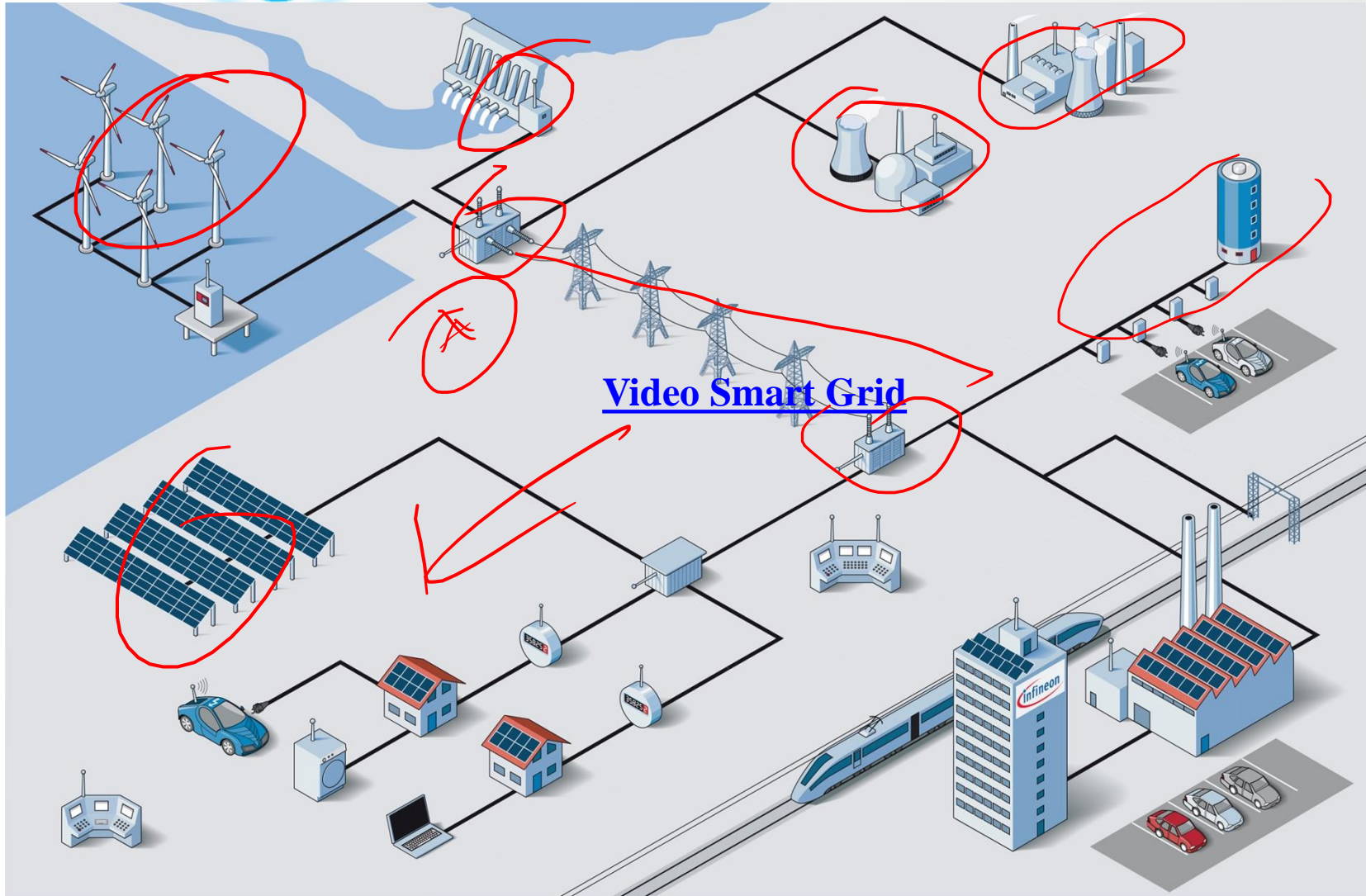
Smart City

Arduino Uno Programming

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