SNS COLLEGE OF ENGINEERING

Kurumbapalayam(Po), Coimbatore – 641 107

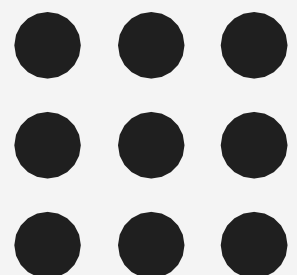**Accredited by NAAC-UGC with 'A' Grade**

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Department of Information Technology
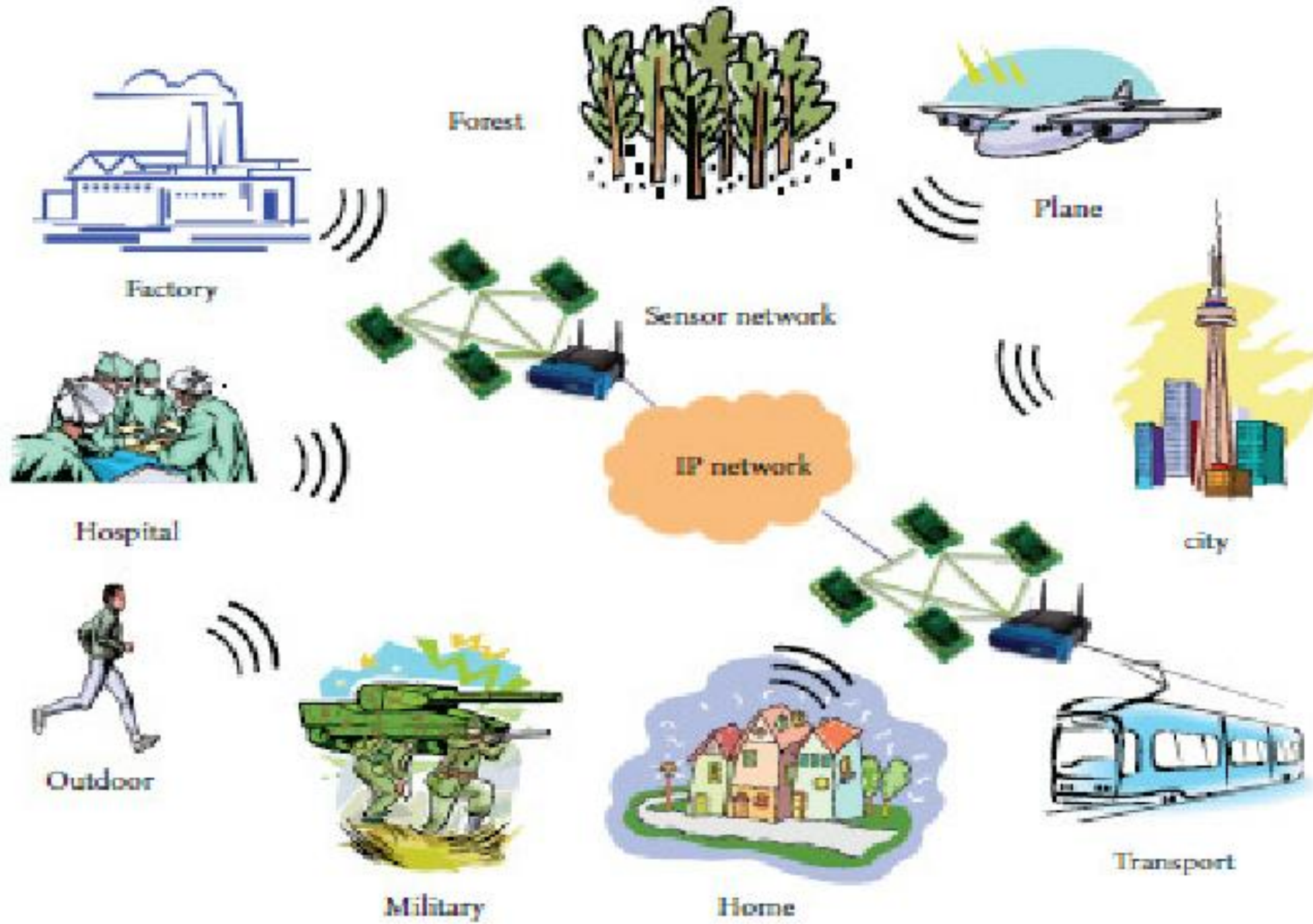
Course Name – Internet of Things & AI

III Year / V Semester

CONNECTIVITY TECHNOLOGIES AND COMMUNICATION PROTOCOLS

Wireless Sensor Network Applications

Factory

Forest

Plane

Hospital

Sensor network

city

Outdoor

IP network

Military

Home

Transport

Constraints of WSN
- limited processing speed, storage capacity, and communication bandwidth

Applications of WSN
- Military applications
- Transportation (Traffic analysis)
- Health applications
- Environmental Applications
- Air pollution monitoring
- Forest fires detection
- Greenhouse monitoring
- Landslide detection
- Industrial monitoring
- Agricultural sector