

# IOT

15days – 3hr/day

## MODULE

- Networks, protocols and basic software for the Internet of Things (IoT)
- How automated decision and control can be done with IoT technologies
- Discuss devices including sensors, low power processors, hubs/gateways and cloud computing platforms
- Learn about the relationship between data science and natural language and audio-visual content processing
- Study research projects drawn from scientific journals, online media, and novels
- Review fundamental techniques for visual feature extraction, content classification and high-dimensional indexing
- Techniques that can be applied to solve problems in web-scale image search engines, face recognition, copy detection, mobile product search, and security surveillance
- Examine data collection, processing and analysis