



INTERNATIONAL
AI
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Internet of Things

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Internet of Things

- Network of objects – devices, vehicles, etc. – embedded with sensors, software, network connectivity and compute capability, that can collect and exchange data over the internet.
- IoT enables devices to be connected and remotely monitored or controlled.
- Differentiate the difference between IOT and IOO

Course Outline:

Chapter (1) Introduction

- What is Internet of Things (IoT)?
- History of IoT
- Rise of IoT
- Machine-to-Machine Communications

Chapter (2) How IoT Works

- IoT & M2M
- IoT with Key Technologies
- IoT Working Principle

Chapter (3) IoT Revolution

- The Fourth Industrial Revolution
- IoT in Smart Cities
- IoT in Healthcare
- Additional IoT Applications

Chapter (4) Importance of IoT

- Efficient Available Resource Utilization
- Benefits of IoT

Chapter (5) Security and Privacy

- Privacy Challenges & Risks
- Vulnerability to Hacking
- Trust Considerations
- Data Protection
- Future of IoT
- Limitation of IOT

Appendix

