

IMPORTANT TOPICS FROM EACH MODULE

FIRST MODULE

1. What is IoT?
2. Explain genesis of IoT?
3. Explain difference between IoT and Digitization?
4. Explain IoT Challenges?
5. Explain IoT impact on Real world
6. Explain IoT architecture?
7. Explain Core IoT functional stack?
8. Explain IoT Data Management and Compute Stack?
9. Explain M2M IoT architecture?

SECOND MODULE

1. Explain type of sensors?
2. Explain IoT access technologies?
3. Explain protocol stack IEEE 802.15.4?
4. Explain SANET?
5. Explain the characteristics and attributes for connecting smart object?
6. Explain any two IoT access technologies?
7. Explain about LOWRAN?
8. Explain ZigBee?

THIRD MODULE

1. Explain the working of IP as the IoT network layer?
2. Explain business case for IP?
3. Explain need for optimization?
4. Explain application protocols for IoT?
5. Explain various methods used in IoT application transport?

FOURTH MODULE

1. Explain data analytics for IoT?
2. Explain big data analytics tools and technology?
3. Explain securing of IoT?
4. Explain the difference between IT and OT security?
5. Explain Formal Risk Analysis Structures OCTAVE and FAIR?
6. Explain about Hadoop?
7. Explain comparison between edge stream and big data analytics?
8. Explain about network analytics?

FIFTH MODULE

1. Explain about Arduino UNO?
2. Explain about Raspberry Pi Board?
3. Explain about smart and connected cities?
4. Explain smart city architecture?
5. Explain Wireless Temperature Monitoring System Using Pi?
6. Explain Operating Systems on Raspberry Pi?
7. Explain DS18B20 Temperature Sensor?