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Department of Electronics & Telecommunication Engineering

Subject: Introduction to IoT

A.Y. 2021-2022 Sem-II

Assignment No.1

1. Write a note on sensors and transducers.
2. Explain different types of actuators.
3. Discuss challenges in IoT implementation.

Assignment No.2

1. Explain RFID technology and its working principle with diagram.
2. With suitable diagram explain MQTT communication process.
3. Discuss ZigBee Communication standard.

Assignment No.3

1. Explain types and working principle of NFC.
2. Write a note on Bluetooth Modes.
3. Explain applications of WSN.

Assignment No.4

1. Explain Coverage Problems in Static WSNs.
2. Write a note on Gateway Selection in FANETs.
3. Discuss UAV Network Topology.