



**of Engineering**

**Department of Computer Science and Engineering**

**B. Tech Third Year (2023-2024)**

**Class: CSF-1, CSF-2, AIEC**

**Assignment No. 3**

**Subject- Internet of Things**

**Assignment based on Unit No. 3**

**Answer the Following Questions:**

1. Explain the extended features of IPV6.
2. Explain the various entities of the Routing Vector Protocol with a suitable example.
3. What is the advantage of Content-Centric Networks in IoT?
4. What is mDNS why it is essential in IoT?
5. Discuss the following protocol along with its application.
  - a. MQTT
  - b. XMPP
  - c. AMQP
6. What is REST? Explain the principles of REST API.
7. Discuss how WebSocket is different from a normal socket.
8. Explain the physical web.

**Submission Deadline: 20/10/2023**