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# **Department of Computer Science and Engineering Islamic University of Technology (IUT)** A subsidiary organ of OIC

# **Laboratory Report**

# CSE 4412: Data Communication and Networking Lab

## 

## **Name: Student ID: Section: Semester: Academic Year:**

**Date of Submission:**

### **Title:** Configuring and Verifying of RIP and OSPF in a network topology.

### **Objective**:

### 

### **Devices/ software Used**:

### **Theory:**

*(Explain in brief the listed keywords)*

**Routing Information Protocol (RIP)**

**Forwarding Table used in RIP**

**Hop Count as cost**

**Timers in RIP**

### **Diagram of the experiment:**

*(Provide screenshot of the final network topology. Make sure to label the network components.)*

**Task #01:**

**Task #02:**

**Task #03:**

### **Working Procedure:**

***(****Explain in brief how you completed the tasks. Provide necessary screenshots of used commands for each task.)*

**Task #01:**

**Task #02:**

**Task #03:**

### **Q/A for the tasks:**

***(****There were many q/a sections inside the task pdfs. Copy the questions and your answers here.)*

**Task #02:**

**Task #03:**

### **Observation**:

### **Challenges (if any):**