**Lesson Plan Form**

**Course Title: Computer Networks**

**Course Code: ETE-331**

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| Title: **Routing Information Protocol (RIP)** | | | Ref. No:  **ETE 331/16** | |
| Target Population: **25** | | | Duration  **90 minutes** | |
| Aims/Rationale: **After completing this lesson students will be able to learn about Routing Information Protocol. The Routing Information Protocol (RIP) defines a way for**[**routers**](http://searchnetworking.techtarget.com/definition/router)**, which connect networks using the Internet Protocol (IP), to share information about how to route traffic among networks.** | | | | |
| **Learning Outcomes: At the end of the session participant will be able to :**   * **Describe how a router determines a path and switches packets** * **Describe the structure of a routing table.** * **Demonstrate the ability to configure devices and apply addresses.** * **Identify a router as a computer with an OS and hardware designed for the routing process.** | | | | |
| **Content** | Method or Technique | Resource or Aid | | Time |
| Introduction: **Welcome address**  **Rapport building**  **Bridging topic**  **Layout/ content outline**  **Attendance**  **Pre-assessment** | **Lecture**  **Q/A** | **W/B** | | **10 minutes** |
| Development:  Section-A  **Definition of Routing Information Protocol (RIP)**  **Router as a Computer**  Section-B  **Configure Devices and apply Address**  **Routing Table Structure**  Section-C  **Router path and packet Switching**  **summery** | **Lecture**  **Discussion**    **Do**    **Do** | **W/B**  **MMP**  **Video** | | **10 minutes**  **30 minutes**    **30 minutes** |
| Conclusion:  **Recap main points**  **Feedback & answer**  **Assessment of LOs**  **Reference**  **Forward plan** | **Lecture**  **Discussion**  **Q/A** |  | | **10 minutes** |
| Equipment & aids: **Optional** | | | | |