**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.**
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| **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** |