**Lesson Plan Form**

**Course Title: Computer Networks**

**Course Code: ETE-331**

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| Title: **Wide Area Networks** | | | Ref. No:  **ETE 331/24** | |
| Target Population: **25** | | | Duration  **90 minutes** | |
| Aims/Rationale: **After completing this lesson students are able to get knowledge about wide area Networks**. **A wide area network (WAN) is a geographically dispersed telecommunications**[**network**](http://searchnetworking.techtarget.com/definition/network)**. The term distinguishes a broader telecommunication structure from a local area network (**[**LAN**](http://searchnetworking.techtarget.com/definition/local-area-network-LAN)**). A wide area network may be privately owned or rented, but the term usually connotes the inclusion of public (shared user) networks. An intermediate form of network in terms of geography is a metropolitan area network (**[**MAN**](http://searchnetworking.techtarget.com/definition/metropolitan-area-network-MAN)**).** | | | | |
| **Learning Outcomes:** At the end of the session participant will be able to   * **Understand the concept Wide Area Networks.** * **WAN Connection Bandwidth** * **WAN Support** * **Cable and DSL** | | | | |
| **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  **WAN Introduction**  **Defining WAN terms**  Section-B  **WAN Connection Bandwidth**  **WAN Connection Types**  Section-C  **WAN Support**  **Cable and DSL**  **Digital Subscriber Line** | **Lecture**  **Discussion**  **Do**    **Do** | **W/B**  **MMP**  **Video** | | **15 minutes**  **30 minutes**    **25 minutes** |
| Conclusion:  **Recap main points**  **Feedback & answer**  **Assessment of LOs**  **Reference**  **Forward plan** | **Lecture**  **Discussion**  **Q/A** |  | | **10 minutes** |
| Equipment & aids: **Optional** | | | | |