**Lesson Plan Form**

**Course Title: Computer Networks**

**Course Code: ETE-331**

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| Title: **Course Outline and Computer networks basics** | | | Ref. No:  **ETE 331/01** | |
| Target Population: **25** | | | Duration  **90 minutes** | |
| Aims/Rationale: **To teach the students about Computer Networks fundamentals including the discussion topics that are why a Computer Network, Standardization, OSI Model , Media and Network Hardware , Internet Addressing and different techniques so that they can use the knowledge in their academic and professional career.** | | | | |
| **Learning Outcomes: At the end of the session participant will be able to :**  **1. Understand the Computer Networks Fundamentals and what’s the importance of leaning Computer Networks for academic and professional career.**  **2. Describe Standardization of Networks: The ISO/ OSI Model and TCP/IP Model.**  **3. Understand the classifications of Networks – LANs, MANs and WANs.**  **4. Understand the medium and Hardware for Networking .** | | | | |
| **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** | | **15 minutes** |
| Development:  Section-A:  **Introduction of Computer Network fundamentals and It’s importance for academic and professional career.**  Section-B  **Basic concept about ISO/OSI Model.**  Section-C  **Basic concept of TCP/IP Model.**  Section-D  **Different kind Medium and Hardware Device for Networking.** | **Lecture**  **Discussion**  **Do**  **Do**  **Do** | **W/B**  **MMP**  **Video** | | **10 minutes**  **15 minutes**  **25 minutes**  **15 minutes** |
| Conclusion:  **Recap main points**  **Feedback & answer**  **Assessment of LOs**  **Reference**  **Forward plan** | **Lecture**  **Discussion**  **Q/A** |  | | **10 minutes** |
| Equipment & aids: **Optional** | | | | |