**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** |