**Lesson Plan Form**

**Course Title: Digital and Satellite Communication**

**Course Code: ETE-452**

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|  **Title**: Introduction  | **Ref. No**: ETE 452/01 |  |  |  |
| **Target Population**: 25 | **Duration:** 90 minutes |  |  |  |
| **Aims/Rationale:** After completing this lesson student will be able to know about the introduction to historical development of satellites and the communication satellite systems .They gather knowledge how the satellite works and the satellite transmission process.   |  |  |  |
| **Learning Outcomes:** At the end of the session participant will be able to :1. Know the historical background & development of Satellite communication.2. Understand the different kind of communication system.3. Understand the satellite transmission processes.4. Understand the applications of satellite communication.5. Know the future the satellite communication. |  |  |  |
| **Content** | **Method or Technique** | **Resource or Aid** | **Time** | POs | Bloom’s TaxonomyDomain/Level | POs |
| **Introduction**: Welcome addressRapport buildingBridging topicLayout/ content outlineAttendancePre-assessment**CO 01** | LectureQ/A | W/B | 10 minutes | PO1 | Cognitive/Apply | PO1 |
| **Development:****Section-A**Introduction.Development of satellite communication. **Section-B**Different kind of communication system.How satellite works.**Section-C**Communication Satellites.**Section-D**Satellite Applications.The future of satellite communication.**CO02** | LectureDiscussionDoDo Do | W/BMMPVideo | 10 minutes20 minutes25 minutes15 minutes | PO2 | Cognitive/Analyze | PO2 |
| **Conclusion:**Recap main pointsFeedback & answerAssessment of LOsReferenceForward plan | LectureDiscussionQ/A |  | 10 minutes |  |  |  |
| **Equipment & aids:** Optional |  |  |  |