**Lesson Plan Form**

**Course Title: Digital and Satellite Communication**

**Course Code: ETE-452**

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|  **Title**: Satellite Antennas  | **Ref. No**: ETE 452/05 |
| **Target Population**: 25 | **Duration:** 90 minutes |
| **Aims/Rationale:** After completing this lesson student will be able to know about the Satellite Antennas and types of antennas.  |
| **Learning Outcomes:** At the end of the session participant will be able to :1. Determine the Satellite Antennas.
2. Classify Satellite Antennas .
3. Determine the relations of Antennas with orbits .
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| **Content** | **Method or Technique** | **Resource or Aid** | **Time** |
| **Introduction**: Welcome addressRapport buildingBridging topicLayout/ content outlineAttendancePre-assessment | LectureQ/A | W/B | 10 minutes |
| **Development:****Section-A**Introduction. To Satellite AntennasBasic Antenna Types and Relationships **Section-B**Typical satellite antenna patterns and coverage zones.Satellite antennas in Practice **Section-C**Example. Global Beam antenna Example. Regional Coverage Antenna  | LectureDiscussionDoDo | W/BMMPVideo | 20 minutes25 minutes25 minutes |
| **Conclusion:**Recap main pointsFeedback & answerAssessment of LOsReferenceForward plan | LectureDiscussionQ/A |  | 10 minutes |
| **Equipment & aids:** Optional |