**Lesson Plan Form**

**Course Title: Digital and Satellite Communication**

**Course Code: ETE-452**

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| **Title:** Direct broadcast Satellite Television and Radio. |  **Ref. No:** ETE 452/22 |
| **Target Population:** 25 | **Duration :** 90 minutes |
| **Aims/Rationale:** The aim of this lesson is to introduce the students to Direct Broadcast Satellite Television and Radio system.  |
| **Learning Outcomes:** At the end of the session participant will be able to :1. Understand Digital DBS TV.
2. Learn How to Design DBS-TV system.
3. Learn about DBS-TV Link Budget.
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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 Direct broadcast Satellite Television and Radio.C-Band and Ku-Band Home Satellite TV.**Section-B**Digital DBS TV.DBS-TV System Design.**Section-C**DBSTV Link Budget . | LectureDiscussionDoDo | W/BMMPVideo | 20 minutes25 minutes20 minutes[[ |
| **Conclusion:**Recap main pointsFeedback & answerAssessment of LOsReferenceForward plan | LectureDiscussionQ/A |  | 10 minutes |
| E**quipment & aids:** Optional |