**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. | | | | |
| **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 | | 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  . | Lecture  Discussion  Do  Do | W/B  MMP  Video | | 20 minutes  25 minutes  20 minutes  [[ |
| **Conclusion:**  Recap main points  Feedback & answer  Assessment of LOs  Reference  Forward plan | Lecture  Discussion  Q/A |  | | 10 minutes |
| E**quipment & aids:** Optional | | | | |