**Lesson Plan Form**

**Course Title:** Digital and Satellite Communication

**Course Code:** ETE-452

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| **Title:** Modulation and Multiplexing techniques for satellite Links-* Analog FM Transmission by Satellite.
 | **Ref. No**: ETE 452/11 |
| **Target** Population: 25 | **Duration:**90 minutes |
| **Aims/Rationale:** Upon completion of the lesson students are able to know about analog FM transmission s by satellite communication system. |
| **Learning Outcomes:** At the end of the session participant will be able to :1. Learn how to analog FM transmit by satellite.
2. Understand S/N Ratio for FM Video Transmission system.
3. Learn SCPC FM Links.
4. Learn how to data transmit using analog FM channels.
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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**Basic concept analog FM transmission process by satellite communication system.Television signals.**Section-B**S/N Ratio for FM Video Transmission.Example FM Threshold. **Section-C**SCPC FM Links Data Transmission using analog FM Channels. | LectureDiscussionDoDo | W/BMMPVideo | 20 minutes25 minutes25 minutes |
| **Conclusion:**Recap main pointsFeedback & answerAssessment of LOsReferenceForward plan | LectureDiscussionQ/A |  | 10 minutes |
| **Equipment & aids:** Optional |