

Animated Video demonstration

Course Name: Transmission lines and Antennas ,AY2019-20,VI sem ECE-B

Topic: Radiation patterns of point source, array antenna and high gain antenna.

Goal: To make students can be able to analyze the radiation patterns of different types of antennas.

Learning outcomes:

- Students can be able know how the dimensions of antenna impact on the radiation pattern.
- How the main lobe and minor lobes in the radiation pattern of antenna can be vary with size and distance.
- How the antenna arrays can enhance the directivity in the radiation pattern.

Resources:

- Animated videos from internet
- An Official Royal Canadian Air Force training film videos.

My Role:

I studied the traditional way. When I was in school, there used to be a blackboard, a teacher and roll-top desks in the classroom. Now with the advancements in technology, education is seeing a 180-degree shift. The teacher-centered approach is fast diminishing in relevance as more importance is thrust on student-centered learning.

So, by inculcate several activities in the class room students can be easily understood complex concepts in lucid manner. After demonstration of videos students can share their doubts and experience with teacher and with entire class room students. Iam going to make class room to be more interactive instead of one way of communication.