

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

ACTIVITY BASED LEARNING

Course Code & Course Title : EC8071-Cognitive Radio
Year/Sem/Branch : IV/VII/ECE
Name of Faculty : Nadar Akila P Mohan
Designation : Assistant Professor
Unit Title : Introduction to software-defined radio and cognitive radio
Topic : Evolution of Software Defined Radio and Cognitive radio
LO : 1
Bloom's Taxonomy Level : Remember

S.No.	Title	Description
1	Concept	Students should understand the Evolution of Software Defined Radio and Cognitive radio.
2	Challenges Faced	<ul style="list-style-type: none"> • Few students did not go through the topic before class • Time management
3	Name of the Activity	Flipped Class
4	Description of the Activity	The materials related to the topic was shared in advance to the students and they were asked to go through the topic before next class. On the day of class, I gave brief explanation about the topic and gave time to students to go through the topic. Then I conducted a quiz, by mentioning the year students had to tell the radio developed during that year and vice-versa.
5	Feedback from Learners (Consolidated)	<p>The feedback collected from students in class room.</p> <ul style="list-style-type: none"> • It helps us to learn the concept easily. • Easy to understand • Interactive learning is very useful. • Team work helps us to improve the confidence level. • Learning become very effective.
6	Feedback of the Faculty about this activity	<ul style="list-style-type: none"> • Conventional method: Students tend to confuse with the year of development • Activity Based Teaching: Students were competitive & focused more on remembering the years. There was more interaction from their side.



Signature of the Course Faculty



Signature of HOD

Evidence:

You-tube link attached:

I have attached the You-tube video link created by me for explaining the concept:

<https://youtu.be/fiizi8dfMy4>

<https://youtu.be/OaHrcPd-WU0>