



ALBERTIAN INSTITUTE OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING

Course Code: EET201

Course Name: Circuits and Networks

Batch: 2022-26 (Batch 11)

Semester: 3

Academic Year: 2023-24

Faculty Name: Thara Jose

Topic: Mesh and Nodal Analysis in AC circuit, Introduction to impulse function

Innovative Practice: Use of ICT – NPTEL videos

Date:12/10/2023

Activity Description

In this activity, a specific NPTEL Video link related to the course is given to the students. Each student then has to watch the video and reflect on what they have learned from the video.

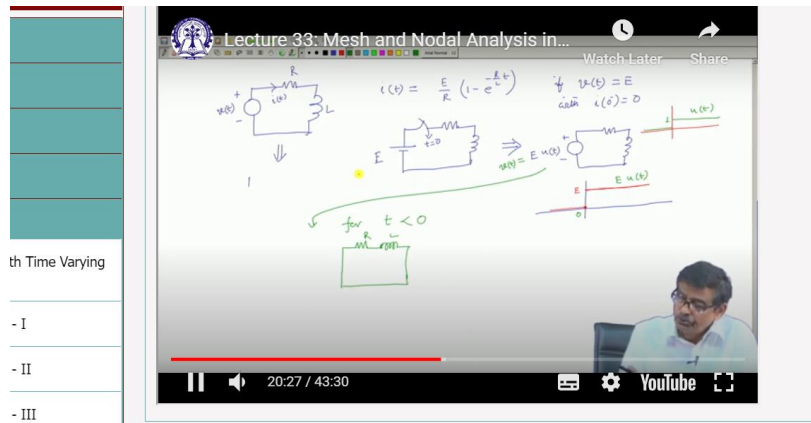
Aims of the activity

- Providing a more sensory engaging experience than using print materials.
- Increasing knowledge retention as it can be reviewed long after the initial lesson was taught.

Plan and Execution

1. Video link was shared with students.
2. They were given sufficient time to watch and learn from it.
3. Classroom discussion on the topic and clearing doubts
3. To ensure whether they have watched the video, a short quiz was conducted.

Photographs/Proof



Video link: <https://archive.nptel.ac.in/courses/108/105/108105159/>

Evaluation Method if any

- Quiz

Reflective Critique

Benefits

- Provides an opportunity for self- learning
- Video resources are easy to access and hence students can access it wherever they are and also learn at their own pace.

Challenges

- Few students struggled to understand due to low technical proficiency
- Unequal distribution of ICT infrastructure at some areas caused difficulty in students to access the resource smoothly
- Digital divide at home also made it delayed to watch the resource.

Analysis

Likert Scale Survey: Responses collected from 54 students

Sl No	Question	Strongly agree	Agree	Weakly agree
1	This activity improved your understanding of ac analysis	89.7	10.3	-
2	Enjoyed the activity and enhanced the interest in course, increasing curiosity and innovation	88	12	-