

Name of the Faculty:	Er. F. Max Savio	Desig./Dept.:	Asst. Prof. (OG) / EEE
Sub. Code/Name:	19EE401 Electromagnetic Theory	Topic:	Capacitors

Topic: Capacitors

- Definition and types
- Parallel plate capacitance
- Co-axial cables
- Spherical cables
- Two parallel wires

Overview:

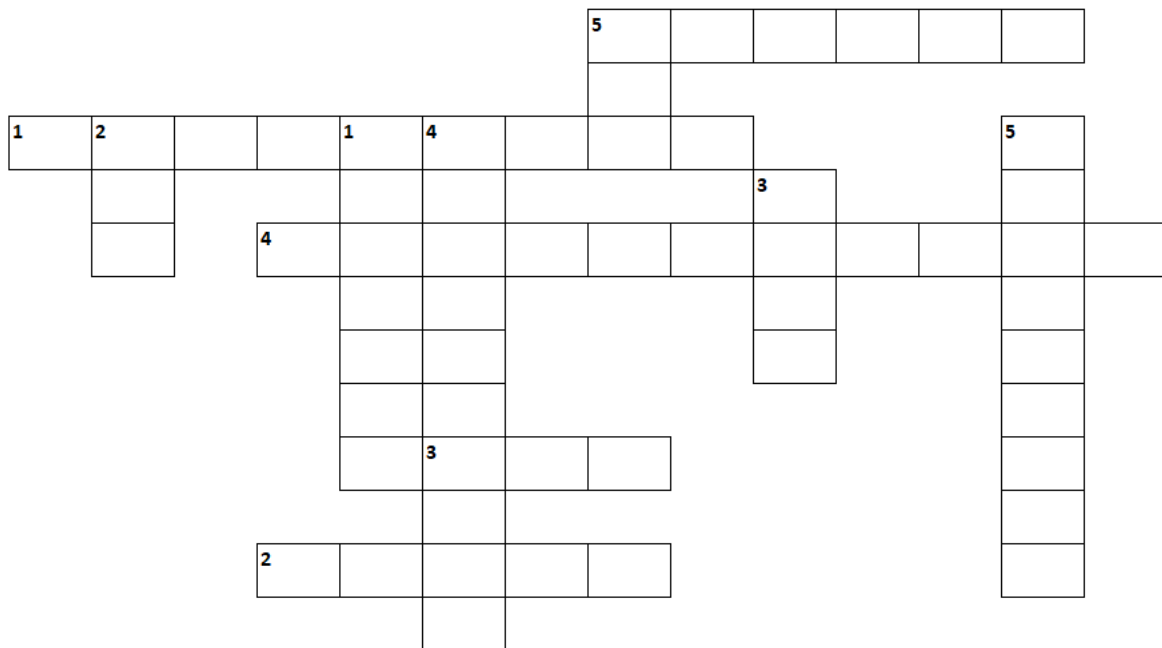
- The topic covers the basic understanding of capacitors and the charge accumulated in it.
- The definition, formula and types of capacitances will be discussed.
- The expression of capacitance stored in various forms will be discussed.

Teaching Methods:

- Puzzles

Proof of activity:

- Puzzle questions



Across:

1. _____ is a storage element.
2. The unit of Capacitance is _____?
3. How many conductors does the capacitor consist of?
4. The disadvantage of the paper capacitor is _____ to moisture
5. _____ is a polarised capacitor

Down:

1. Capacitor obey _____ law.
2. The dielectric medium whose relative permeability is 1
3. The working voltage of paper capacitors are?
4. The parallel metal plates of the capacitor separated by _____
5. Electrolytic capacitor is a _____ capacitor.

Feedbacks:

- Easy to understand the concept of capacitors and solve problems related to the theorems.
- Crosswords is very interesting and able to gain more knowledge.

Outcomes:

- Understanding of capacitors and its types.
- Understanding capacitor types and the derivation of capacitance value.