

Name of the Lab: Electric Circuits Laboratory

EE8261 (Even Semester)

Regulation: R2017

Dept: EEE

VIRTUAL LINKS

S.No	Name of the Experiment	Hyperlink
1.	Simulation and experimental verification of electrical circuit problems using Kirchhoff's voltage and current laws.	https://www.youtube.com/watch?v=_Jlj5cLIJ18
2.	Simulation and experimental verification of electrical circuit problems using Thevenin's theorem.	https://www.youtube.com/watch?v=NfXuuwWyPk4
3.	Simulation and experimental verification of electrical circuit problems using Norton's theorem	https://www.youtube.com/watch?v=jEAeXBqcSkw
4.	Simulation and experimental verification of electrical circuit problems using Superposition theorem	https://www.youtube.com/watch?v=yzYlgmu6iOI
5.	Simulation and experimental verification of Maximum Power transfer Theorem.	https://www.youtube.com/watch?v=TW2qyfxVoEk
6.	Study of Analog and digital oscilloscopes and measurement of sinusoidal voltage, frequency and power factor.	https://www.youtube.com/watch?v=8L4xZ2f3iz4
7.	Simulation and Experimental validation of R-C electric circuit transients.	https://www.youtube.com/watch?v=UfMM7Fz3w2U
8.	Simulation and Experimental validation of frequency response of RLC electric circuit	https://www.youtube.com/watch?v=NqQJexySfTA
9.	Design and Simulation of series resonance circuit.	https://www.youtube.com/watch?v=YLGrugmDvc0
10	Design and Simulation of parallel resonance circuits.	https://www.youtube.com/watch?v=sr9lC8Pc7f4
11	Simulation of three phase balanced and unbalanced star, delta network circuits.	https://www.youtube.com/watch?v=nRzsH0plXIc

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