

Basics of Electrical Engineering LAB-

Aa EXPERIMENT	☰ DATE	☰ Course Outcome	☰ Column
<u>1. Familiarity with basic circuit elements and measuring</u>	3rd August 2021	Understood the basic idea and working of simple circuit elements like Ammeter, Voltmeter etc.	
<u>2. Verification of Thevenin and Norton theorem</u>	7th August 2021	Gained the knowledge to solve problem of electrical circuit using thevenin and Norton's theorem	
<u>3. Verification of Superposition Theorem</u>	8th August 2021	Gained the knowledge to solve electrical circuits using Superposition Theorem	
<u>4.Verification of Maximum Power Transfer Theorem</u>	17th August 2021	Gained the knowledge to solve problem of electrical circuit using Maximum Power transfer theorem.	
<u>5. To determine the High Resistance by the Megohm Bridge method. To study the Kelvin Double Bridge for Low resistance measurement</u>	24th August 2021	Was able to determine High Resistance by using the Megohm Bridge method and was able to determine Low Resistance by using the Kelvin Double Bridge method.	

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<u>6. Measurement of self-inductance by Maxwell's Bridge. Measurement of Capacitance by Wein Series Bridge</u>	31st August 2021	would be able to calculate Self-Inductance using Maxwell's Bridge was able to calculate Capacitance using Wein Series Bridge.	
<u>7. To study the behaviour of a series RLC circuit.</u>	12th September 2021	was able to study and understand the behavioural working of a series R-L-C circuit.	
<u>8. Three phase power measurement using two wattmeter method.</u>	14th September 2021	was able to study Three phase power measurement using two wattmeter method	