Basics of Electrical Engineering LAB-

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

EXPERIMENT	DATE	Course Outcome	Column
6. Measurement of self-inductance by Maxwell's Bridge. Measurement of Capacitance by Wein Series Bridge	31st August 2021	would be able to calculate Self-Inductance using Maxwell's Bridge was able to calculate Capacitance using Wein Series Bridge.	
7. To study the behaviour of a series RLC circuit.	12th September 2021	was able to study and understand the behavioural working of a series R-L-C circuit.	
8. Three phase power measurement using two wattmeter method.	14th September 2021	was able to study Three phase power measurement using two wattmeter method	
9. To determine the Efficiency and Regulation of a single phase Transformer by conducting (a) open circuit test and (b) short circuit test.	21st September 2021	was able to determine the Efficiency and Regulation of a single phase Transformer by conducting (a) open circuit test and (b) short circuit test.	