

ONLINE SUBMISSION OF LAB RECORDS

Lab Subject	Basic Electrical Engineering	Submit Date	01-07-2020
SIC No	190610193	Regd. No	1901209198
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Semester	2nd	Section/Group	D/D2

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Expt. No.	Details of the Experiment	Page No.
1	Study and verification of Thevenin's theorem.	
2	Calculation of current, voltage, power and power factor in a series R-L-C circuit excited by 1- Φ AC supply.	
3	Draw the B-H curve of a magnetic Specimen.	
4	Study of Florescent lamp and improvement of power factor using Capacitor.	
5	Connection and testing of Single Phase Energy meter using Unity power factor load.	
6	To perform the polarity test of a single-phase transformer.	
7	Measurement of power consumed and power factor by a three-phase resistive load by Two-Wattmeter method	
8	Study and measurement of armature & field resistance of a D.C. machine.	
9	To start a single phase permanent capacitor induction run motors.	
10	To determine the efficiency & voltage regulation of a single-phase (1- ϕ) transformer by Direct loading.	

UNDERTAKING

I hereby declare that, I had submitted the laboratory records for the experiments which were physically completed in the Institute and the lab record folder is properly preserved by me. In this online submission, I am submitting the lab records for the experiments (as mentioned in the index above) which were explained and demonstrated in online mode. I have written the lab record myself, scanned into PDF format for soft copy submission. I undertake that I will preserve these hard copies with me. After the institute reopens, I will add these pages to the existing lab record folder and submit the complete folder within 7 days of reopening. I understand that, unless I submit the complete lab record folder in hard copy form, the marks awarded in the lab subject may be revoked by the institute.

Anirudh Panda.

Date: 01-07-2020 _____

Full Signature of Student