ONLINE SUBMISSION OF LAB RECORDS

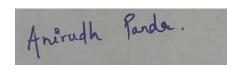
Lab Subject	Basic Electrical Engineering	Submit Date	01-07-2020
SIC No	190610193	Regd. No	1901209198
Name	Anirudh Panda	Branch	EEE
Semester	2nd	Section/Group	D/D2

INDEX

Expt. No.	Details of the Experiment				
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 $(1-\phi)$ 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.



01-07-2020									
Date:		_		_			_		

Full Signature of Student