

KDK COLLEGE OF ENGINEERING, NAGPUR

Department of Electrical Engineering

Virtual Lab Details

Sr. No.	Name of Lab	Name of Experiment	Link of Virtual Lab
1	Network Analysis	Verification of Superposition Theorem	http://vlabs.iitb.ac.in/vlabs-dev/labs_local/network_lab/labs/exp1/index.php
2	Network Analysis	Verification of Maximum Power Transfer Theorem	http://vlabs.iitkgp.ernet.in/asnm/exp7/index.html
3	Network Analysis	Three Phase Power Measurement	http://vlabs.iitkgp.ernet.in/asnm/exp7/index.html
4	High Voltage Engineering	Study Of Impulse Voltage Generator	http://vlabs.iitkgp.ernet.in/vhv/
5		Study Of Impulse Current Generator	
6		Critical Flashover of a Sphere Gap using IVG	
7	Power Electronics	To analyze the variations of pulsating dc output voltage waveform of R & L load for half wave uncontrolled rectifier	http://vlabs.iitb.ac.in/vlabs-dev/labs/mit_bootcamp/power_electronics/labs/exp1/index.php
8	Switchgear and Protection	To Study the gas actuated Buchholz relay for oil filled transformer.	https://vp-dei.vlabs.ac.in/Dreamweaver/exp6.html
		To Study the over-current relay and the effect of PSM and TSM.	https://vp-dei.vlabs.ac.in/Dreamweaver/exp7.html
9	Electrical Machine	Speed Control of DC motor by using Ward- Leonard Method of speed control	https://ems-iitr.vlabs.ac.in/exp/dcmotor-ward-leonard/
10		Speed control of slipring Induction Motor.	https://ems-iitr.vlabs.ac.in/exp/speed-control-slip-ring/
11		To study the Synchronization of the alternator with infinite bus bar.	https://vp-dei.vlabs.ac.in/Dreamweaver/exp1.html
12		To determine positive sequence, negative sequence and zero sequence reactances of an alternator.	https://vp-dei.vlabs.ac.in/Dreamweaver/exp3.html