

RAJKIYA ENGINEERING COLLEGE, AMBEDKAR NAGAR

Department: Electrical Engineering

Inventory of Room No./Office- Electrical measurement and measuring instrument lab

Date of Inventory Preparation-15/3/2019

ELECTRICAL ITEMS

Sr. no	Product	Product description	Quantity	Remark
1.	Anderson bridge trainer kit	Vinytics, inside wooden box	2	Working
2.	De sauty bridge trainer kit	Vinytics, inside wooden box	2	Working
3.	Hay bridge trainer kit	Vinytics, inside wooden box	2	Working
4.	kelvin double bridge trainer kit	Vinytics, inside wooden box	2	Working
5.	Maxwell bridge trainer kit	Vinytics, inside wooden box	2	Working
6.	Owen's bridge trainer kit	Vinytics, inside wooden box	2	Working
7.	Schering bridge trainer kit	Vinytics, inside wooden box	2	Working
8.	Calibration of ac ammeter and ac voltmeter trainer kit	Vinytics,	2	Working
9.	Ten wire potentiometer trainer kit	Vinytics , wooden set up	2	Working
10.	Series AC inductive circuit trainer kit	Mettalicpannel	2	Working
11.	Measurement of phase difference trainer kit	Plastic box	2	Working
12.	Common emitter Amplifier trainer kit	Plastic box	1	Working
13.	Frequency response of RC couple Amplifier trainer kit	Plastic box	1	Working
14.	CRO	Scienteck, 230V 50Hz	1	Working
15.	Frequency and differential time counter generator	230V 50Hz	1	Working

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ELECTRICAL ITEMS

Sr. no	Product	Quantity	Remark
1.	To Study Calibration of AC voltmeter & AC Ammeter	1	Working
2.	To study measurement of self inductance by maxwell's Bridge	1	Working
3.	To study measurement of self inductance by hay' Bridge	1	Working
4.	To study Measurement of self inductance by Anderson' Bridge	1	Working
5.	To study measurement of self inductance by Owen' Bridge	1	Working
6.	To study measurement of Capacitance by Desauty Bridge	1	Working
7.	To study measurement of capacitance by Schering Bridge	1	Working
8.	To study measurement of Low resistance by Kelvin's Double Bridge	1	Working
9.	To study power measurement using CT, PT & Wattmeter	1	Working
10.	To study measurement of Iron Loss in A ring using maxwell's Bridge	1	Working
11.	To study calibration of single phase Energy meter	1	Working
12.	To study calibration of 3 Phase energy meter	1	Working
13.	To study calibration of LPF Wattmeter by Phantom loading	1	Working
14	To study CT testing by Silsbee method	1	Working
15.	Measure the earth resistance using earth Tester with 4	1	Working

	spikes		
16.	To study measurement of voltage & frequency of a sinusoidal using CRO	1	Working
17.	To study measurement of displacement using LVDT	1	Working
18.	To measuring the temperature using Thermocouple	1	Working
19.	To study measurement of Vibration (Pressure) using piezoelectric pickup	1	Working
20.	Measurement of speed by Photoelectric pickup	1	Working
21.	CRO 30MHz Dual trace Scientific make model No.SM-410 SR NO. 190632462	1	Working
22.	Digital multimeter Scientific make model no.SM-7023 SR.no - 19082665	1	Working