

#### POWER ELECTRONICS LAB

Sl. No.	Equipment Details	Set-up / Pictures
1	Regulated DC Dual Power	REGULATED DC DUAL POWER SUPPLY MODEL: (MINISTER)
	Supply	V CURRENT CURR
2	Audio Function Generator	RUDIO FUNCTION GENERATOR  FREQUENCY  WAVEFORM  AMPLITUDE  FARE  COARSE  COARSE  FARE  COARSE  FARE  COARSE  COARSE
3	Arbitrary Function Generator	Tektronits Arcitize  Arcit
4	Cathode Ray Oscilloscope	Teletronia T7530341



5	Mixed Domain Oscilloscope	SETUP CURSOR MADURE MAYOU MATURIT DISPLAY ACQUIRE STORY TRIGGER THE ZOOM TOOMS
6	UJT Characteristics Study Unit Set Up	UJT CHARACTERISTICS STUDY UNIT  200 mA  200 VIV
7	Characteristics Study Unit of Various Semiconductor Devices Set Up	SCA TRURE OAC, WOSFET AND IGST CHARACTERISTICS STOOL (STATE COLUMN)  MANUAL STATES OF THE COLUMN OF
8	Cosine Control Triggering Circuit Study Unit Set Up	COSSINE CONTROLLED TROUGENING METHOD STUDY UNIT



9	Single Phase AC Voltage	SINGLE PHASE AC VOLTAGE CONTROLLER - SAVC
	Controller Study Unit	FIRING CIRCUIT  POWER CIRCUIT  1207  1507  1507  FIRING ANGLE  AGAGAGAGAGAGA  TRIAG OFF  TRIG OUT PUT  GATE CAT  MAINS  RECO  Scanned by TapScanner
10	Three Phase Half And Fully Controlled Bridge Converter Set Up	Scanned by TapScanner
11	AC Motor PMSM Control Panel	FROM END CONVERTER 1.



12	Three Phase Isolation	2.5 KVA
	Transformer	
		<b>D</b>
		400 V 230 V
		346 V 200 V
		200 V
		OV OV
		TRANSFORMER  MACOLE  M
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13	Three Phase Autotransformer	
		Santan Miller 1997
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		OUTPUT
14	Single Phase Autotransformer	Scanned by TapScanner
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		Scanned by TapScanner



15	Study of class A and class B chopper Trainer	TOTALIS  OCTO ALIS  OC
16	Study of high frequency series resonant inverter	SERIES RESONANT INVERTER  OF SUMPLY CONTROL PULSES  PRICES ON 12  ON 12  ON 12  ON 15
17	Study of 3-phase current source inverter Set Up	SINGLE PHASE AND THREE PHASE CURRENT SOURCE INVENTER FIRMS UNIT 15 15 15 15 15 15 15 15 15 15 15 15 15



Study of 3-phase dual converter in non-circulating 18 mode Set Up Scanned by TapScanne Study of force commutated inverter Set Up 19