STUDY PLAN

Measurement and instrumentation		Electrical Machine		Basic Electronics	
Topic	**Recording**	**Topic**	**Timing**	**Topic**	**Timing**
Introduction to Electrical & Electronics Engineering Measurements	Recording-1	Electrical Machine-1	Recording-1	Orientation	Recording-1
Error Analysis Part-1	Recording-2	Electrical Machine-2	Recording-2	Introduction to Basic Electronic	Recording-2
Error Analysis Part-2	Recording-3	Electrical Machine-3	Recording-3	Basics of Semiconductor Materials Part-1	Recording-3
Types of Dampings and torques	Recording-4	Electrical Machine-4	Recording-4	Basics of Semiconductor Materials Part-2	Recording-4
PMMC	Recording-5	Electrical Machine-5	Recording-5	Semiconductor Physics Part-1	Recording-5
Rectifier type instruments	Recording-6	Electrical Machine-6	Recording-6	Semiconductor Physics Part-2	Recording-6
Moving iron type instruments -1	Recording-7	Electrical Machine-7	Recording-7	PN Junction Diode Part-1	Recording-7
Moving iron type instruments -2	Recording-8	Electrical Machine-8	Recording-8	PN Junction Diode Part-2	Recording-8
Moving iron type instruments -3	Recording-9	Electrical Machine-9	Recording-9	Zener Diode Part -1	Recording-9
Power factor meter, flux meter, Frequency meter	Recording-10	Electrical Machine-10	Recording-10	Zener Diode Part -2	Recording-10
Measurement of Power-1	Recording-11	Electrical Machine-11	Recording-11	Tunnel diode, LED	Recording-11
Measurement of Power-2	Recording-12	Electrical Machine-12	Recording-12	PhotoDiode, Shottcky Diode	Recording-12
Energy meter -1	Recording-13	Electrical Machine-13	Recording-13	BJT Part-1	Recording-13
Energy meter -2	Recording-14	Electrical Machine-14	Recording-14	BJT Part-2	Recording-14
Instrument transformers Part-1	Recording-15	Electrical Machine-15	Recording-15	BJT Part-3	Recording-15
Instrument transformers Part-2	Recording-16			BJT Part-4	Recording-16
CRO - 1	Recording-17			BJT Part-5	Recording-17
CRO - 2	Recording-18			BJT Part-6	Recording-18
AC bridges 1	Recording-19			BJT Part-7	Recording-19

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Topic	**Recording**	**Topic**	**Timing**	**Topic**	**Timing**
AC bridges 2	Recording-20			FeedBack Amplifier	Recording-20
				Power amplifier	Recording-21
				FET introduction and working	Recording-22
				MCQs on FET	Recording-23
				MOSFET introduction and working	Recording-24
				Op-amp Part-1	Recording-25
				Op-amp Part-2	Recording-26
				Op-amp Part-3	Recording-27
				Number system Part-1	Recording-28
				Number system Part-2	Recording-29
				Boolean algebra	Recording-30
				Logic Gates	Recording-31
				Basics of Power Electronics Part-1	Recording-32
				Basics of Power Electronics Part-2	Recording-33
				SCR Part-1	Recording-34
				SCR Part-2	Recording-35
				Types of Switches and their working Part-1	Recording-36
				Types of Switches and their working Part-2	Recording-37
				Types of Switches and their working Part-3	Recording-38
				Miscellnous	Recording-39