

STUDY PLAN

Measurement and instrumentation		Electrical Machine		UEE	
Topic	Recording	Topic	Timing	Topic	Timing
Introduction to Electrical & Electronics Engineering Measurements	Recording-1	Electrical Machine-1	Recording-1	Type of Motor and Characteristics	Recording-1
Error Analysis Part-1	Recording-2	Electrical Machine-2	Recording-2	Type of loads	Recording-2
Error Analysis Part-2	Recording-3	Electrical Machine-3	Recording-3	System of electric traction and track electrification	Recording-3
Types of Dampings and torques	Recording-4	Electrical Machine-4	Recording-4	Speed-time curves for different services	Recording-4
PMMC	Recording-5	Electrical Machine-5	Recording-5	Calculation of various quantities of Electrical Traction	Recording-5
Rectifier type instruments	Recording-6	Electrical Machine-6	Recording-6	Methods of Electrical Heating	Recording-6
Moving iron type instruments -1	Recording-7	Electrical Machine-7	Recording-7	Methods of Electrical Welding	Recording-7
Moving iron type instruments -2	Recording-8	Electrical Machine-8	Recording-8	Introduction and terms used in Illumination	Recording-8
Moving iron type instruments -3	Recording-9	Electrical Machine-9	Recording-9	Discharge Lamps, MV and SV Lamps	Recording-9
Power factor meter, flux meter, Frequency meter	Recording-10	Electrical Machine-10	Recording-10	Basic Principle of Light Control, Types and design of lightning and flood lighting	Recording-10
Measurement of Power-1	Recording-11	Electrical Machine-11	Recording-11		
Measurement of Power-2	Recording-12	Electrical Machine-12	Recording-12		
Energy meter -1	Recording-13	Electrical Machine-13	Recording-13		
Energy meter -2	Recording-14	Electrical Machine-14	Recording-14		
Instrument transformers Part-1	Recording-15	Electrical Machine-15	Recording-15		
Instrument transformers Part-2	Recording-16				
CRO - 1	Recording-17				
CRO - 2	Recording-18				
AC bridges 1	Recording-19				
AC bridges 2	Recording-20				