

STUDY PLAN

Linear Integrated Circuits			Ashish sir - Measurement and instrumentation		
			Date	Topic	Timing
			Recorded	Introduction to Electrical & Electronics Engineering Measurements	Recorded
Date	Topic	Timing	Recorded	Error Analysis Part-1	Recorded
Recorded	Introduction	Recorded	Recorded	Error Analysis Part-2	Recorded
Recorded	Construction and Properties part-1	Recorded	Recorded	Types of Dampings and torques	Recorded
Recorded	Construction and Properties part-2	Recorded	Recorded	PMMC	Recorded
Recorded	Construction and Properties part-2	Recorded	Recorded	Rectifier type instruments	Recorded
Recorded	Linear applications part-1	Recorded	Recorded	Moving iron type instruments -1	Recorded
Recorded	Linear applications part-2	Recorded	Recorded	Moving iron type instruments -2	Recorded
Recorded	Non Linear applications part-1	Recorded	Recorded		Recorded
Recorded	Non Linear applications part-2	Recorded	Recorded	Power factor meter, flux meter, Frequency meter	Recorded
Recorded	Voltage regulators	Recorded	Recorded	Measurement of Power-1	Recorded
Recorded	Miscellaneous	Recorded	Recorded	Measurement of Power-2	Recorded
Recorded	Introduction	Recorded	Recorded	Energy meter -1	Recorded
Recorded	Question on Timers	Recorded	Recorded	Energy meter -2	Recorded
Recorded	Phase loked loop	Recorded	Recorded	Instrument transformers Part-1	Recorded
END OF SUBJECT			Recorded	Instrument transformers Part-2	Recorded
Data Communication and Network			Recorded	CRO - 1	Recorded
			Recorded	CRO - 2	Recorded
			Recorded	AC bridges 1	Recorded
Date	Topic	Timing	Recorded	AC bridges 2	Recorded
Recorded	Data Communication	Recorded	END OF SUBJECT		
Recorded	Hardware and interface - 1	Recorded	Ashish Sir - Network Theory		
Hardware and interface - 2			Date	Topic	Timing
Recorded	OSI layers	Recorded	Recorded	Electric Potential	Recorded
Recorded	LAN, MAN, WAN	Recorded	Recorded	Ohms law, Concept of Resistance	Recorded
Recorded	Network Topologies	Recorded	Recorded	Types Of Circuit Elements	Recorded
Recorded	Objective Questions	Recorded	Recorded	Concept of Inductor	Recorded
Recorded	Ethernet	Recorded	Recorded	Concept of Capacitance & Laplace transforms	Recorded
Recorded	IP addresses	Recorded	Recorded	Some Functions & Their Laplace Transforms	Recorded
Recorded	internet working	Recorded	Recorded	Resistance in Series and Parallel & Star Delta conversion	Recorded
END OF SUBJECT			Recorded	Capacitance in Series and Parallel	Recorded

Communication Engineering			Recorded	KVL and KCL			
			Recorded	Question Practice Session			
			Recorded	Questions Practice Session			
Date	Topic	Timing	Recorded	Network Theorem			
Recorded	Introduction	Recorded	Recorded	(Superposition Theorem)			
Recorded	Modulation requirements	Recorded	Recorded	Thevenin's, Nortons Theorem			
Recorded	Amplitude modulation part-1	Recorded	Recorded	Maximum Power Transfer Theorem			
Recorded	Amplitude modulation part-2	Recorded	Recorded	Tellegen's, Milliman's & Reciprocity Theorem			
Recorded	Amplitude modulation part-2	Recorded	Recorded	AC Fundamentals			
Recorded	DSBSC Modulation and demodulation	Recorded	Recorded	Series Resonance			
Recorded	SSB SC Modulation and demodulation	Recorded	Recorded	Parallel Resonance			
Recorded	VSB modulation and demodulation	Recorded	Recorded	Performance Parameters of Series and Parallel Resonance			
Recorded	Practice Questions	Recorded	Recorded	Average & RMS values of difference waveforms			
Recorded	Introduction	Recorded	Recorded	Two Port Networks & Graph Theory			
Recorded	Phase and frequency modulation parameters	Recorded	Recorded	Graph Theory and Questions			
Recorded	Modulation and demodulation techniques	Recorded	Recorded	Poly phase Network			
Recorded	Recievers part-1	Recorded	Recorded	Poly phase Network			
Recorded	Recievers part-2	Recorded	Recorded	Power Triangle, impedance Triangle, charging and discharging of Inductor and Capacitor			
Recorded	Recievers part-3	Recorded	Microprocessor & Microcontroller				
Recorded	Block Diagram of PCM	Recorded	Microprocessor & Microcontroller				
Recorded	Sampling criteria	Recorded	Microprocessor & Microcontroller				
Topic	Date	Timing	Microprocessor & Microcontroller				
Quantization	Recorded	Date	Topic		Timing		
Intersymbol interference	Recorded	Recorded	Microprocessor-1		Recorded		
Frequency division multiplexing	Recorded	Recorded	Microprocessor-2		Recorded		
Time division multiplexing	Recorded	Recorded	Microprocessor-3		Recorded		
Wave Propagation - 1	Recorded	Recorded	Microprocessor-4		Recorded		
Wave Propagation - 2	Recorded	Recorded	Microprocessor-5		Recorded		
Equivalent Circuit of TL	Recorded	Recorded	Microprocessor-6		Recorded		
Lossless and distortionless TL	Recorded	Recorded	Microprocessor-7		Recorded		
Input impedance of TL	Recorded	Recorded	Microprocessor-8		Recorded		
Reflection coefficient and VSWR	Recorded	Recorded	Microprocessor-9		Recorded		
Practice Questions	Recorded	Recorded	Microprocessor-10		Recorded		
Smith Chart	Recorded	Digital Electronics					
Radar range equation	Recorded	Date	Topic		Timing		
Satellite Communication - 1	Recorded	Recorded	Orientation		Recorded		

Recorded	Satellite Communication - 2	Recorded	Recorded	Introduction to Number systems	Recorded
Recorded	Cellular Communication - 1	Recorded	Recorded	Addition in different base	Recorded
Recorded	Cellular Communication - 2	Recorded	Recorded	Subtraction in Different Base	Recorded
Ashish Sir : Control system			Recorded	Complements	Recorded
Ashish Sir : Control system			Recorded	Interconversions part-1	Recorded
Ashish Sir : Control system			Recorded	Interconversions part-2	Recorded
Date	Topic	Timing	Recorded	Binary Codes,BCD	Recorded
Recorded	Basic of Control System	Recorded	Recorded	Excess-3 and Gray Codes	Recorded
Recorded	Transfer Function Analysis of AC and DC servomotor	Recorded	Recorded	Practice Questions	Recorded
Recorded	Control system Representation	Recorded	Recorded	Axioms and Operations	Recorded
Recorded	Time Response Analysis Part-1	Recorded	Recorded	Laws of Boolean Algebra	Recorded
Recorded	Time Response Analysis Part-2	Recorded	Recorded	SOP and POS representation part-1	Recorded
Recorded	Routh Hurwitz Criterion, Root Locus	Recorded	Recorded	SOP and POS representation part-2	Recorded
Recorded	Bode Plotting using semi log graph paper	Recorded	Recorded	Basic Gates	Recorded
Recorded	Compensator	Recorded	Recorded	Special Gates	Recorded
Recorded	Controller	Recorded	Recorded	Universal Gates	Recorded
Avinash sir - Electronics Devices			Recorded	Circuits of Gates	Recorded
Date	Topic	Timing	Recorded	Adders	Recorded
Recorded	Energy Band Diagram	Recorded	Recorded	Subtractors	Recorded
Recorded	Types of Semiconductor	Recorded	Recorded	Multiplexers part-1	Recorded
Recorded	Resistivity and Conductivity of Semiconductor	Recorded	Recorded	Multiplexers part-2	Recorded
Recorded	Hall Effect	Recorded	Recorded	Demultiplexers and Decoders	Recorded
Recorded	Practice Questions	Recorded	Recorded	Practice Questions	Recorded
Recorded	PN Junction Diodes	Recorded	Recorded	Introduction to flip flops	Recorded
Recorded	Characteristics of PN Junction Diodes	Recorded	Recorded	Different types of Flip flops	Recorded
Recorded	Transistors and Diffusion Capacitance	Recorded	Recorded	Counters Basics	Recorded
Recorded	Zener Diode	Recorded	Recorded	Counters Basics	Recorded
Recorded	Avalanche and Zener Breakdown	Recorded	Recorded	Practice Questions	Recorded
Recorded	Rectifiers-1	Recorded	Recorded	A/D Convertors	Recorded
Recorded	Rectifiers-2	Recorded	Recorded	D/A Convertors	Recorded
Recorded	Clippers	Recorded	Recorded	Practice Questions	Recorded
Recorded	Clampers	Recorded	Recorded	Memories	Recorded
Recorded	Practice Questions	Recorded			
Recorded	Transistors and Its working	Recorded			
Recorded	Configuration and Characteristics of Transistors	Recorded			

Recorded	Current Components in BJT	Recorded				
Recorded	Early Effect	Recorded				
Recorded	Mode of Operation	Recorded				
Recorded	Applications of Transistor	Recorded				
Recorded	BJT amplifiers - 1	Recorded				
Recorded	BJT amplifiers - 2	Recorded				
Recorded	Power amplifiers	Recorded				
Recorded	Sinusoidal Oscillator & Phase shift Oscillator	Recorded				
Recorded	Wien Bridge Oscillator	Recorded				
Recorded	Colpitts and Hartley Oscillators	Recorded				
Recorded	Multivibrator - 1	Recorded				
Recorded	Multivibrator - 2	Recorded				
Recorded	Practice Questions	Recorded				
Recorded	Inverter and UPS	Recorded				
Recorded	Working of Triode	Recorded				
Recorded	Triode Circuits	Recorded				
Recorded	Controller	3:00 PM - 4:00 PM	Recorded	Microprocessor-1	Recorded	
			Recorded	Microprocessor-2	Recorded	
			Recorded	Microprocessor-3	Recorded	
			Recorded	Microprocessor-4	Recorded	
			Recorded	Microprocessor-5	Recorded	
			Recorded	Microprocessor-6	Recorded	
			Recorded	Microprocessor-7	Recorded	
			Recorded	Microprocessor-8	Recorded	
			Recorded	Microprocessor-9	Recorded	
			Recorded	Microprocessor-10	Recorded	