

## STUDY PLAN

Communication Engineering			Ashish sir - Measurement and instrumentation		
			Date	Topic	Timing
			Recorded	Introduction to Electrical & Electronics Engineering Measurements	Recorded
			Recorded	Error Analysis Part-1	Recorded
			Recorded	Error Analysis Part-2	Recorded
			Recorded	Types of Dampings and torques	Recorded
			Recorded	PMMC	Recorded
			Recorded	Rectifier type instruments	Recorded
			Recorded	Moving iron type instruments -1	Recorded
			Recorded	Moving iron type instruments -2	Recorded
			Recorded		Recorded
			Recorded	Power factor meter, flux meter, Frequency meter	Recorded
			Recorded	Measurement of Power-1	Recorded
			Recorded	Measurement of Power-2	Recorded
			Recorded	Energy meter -1	Recorded
			Recorded	Energy meter -2	Recorded
			Recorded	Instrument transformers Part-1	Recorded
			Recorded	Instrument transformers Part-2	Recorded
			Recorded	CRO - 1	Recorded
			Recorded	CRO - 2	Recorded
			Recorded	AC bridges 1	Recorded
			Recorded	AC bridges 2	Recorded
			END OF SUBJECT		

Monday, February 9, 2026	Frequency division multiplexing	Recorded	<b>Ashish Sir - Network Theory</b>		
Tuesday, February 10, 2026	Time division multiplexing	Recorded	<b>Date</b>	<b>Topic</b>	<b>Timing</b>
Wednesday, February 11, 2026	Wave Propagation - 1	Recorded	Recorded	Electric Potential	Recorded
Thursday, February 12, 2026	Wave Propagation - 2	Recorded	Recorded	Ohms law, Concept of Resistance	Recorded
Friday, February 13, 2026	Equivalent Circuit of TL	Recorded	Recorded	Types Of Circuit Elements	Recorded
Monday, February 16, 2026	Lossless and distortionless TL	Recorded	Recorded	Concept of Inductor	Recorded
Tuesday, February 17, 2026	Input impedance of TL	Recorded	Recorded	Concept of Capacitance & Laplace transforms	Recorded
Wednesday, February 18, 2026	Reflection coefficient and VSWR	Recorded	Recorded	Some Functions & Their Laplace Transforms	Recorded
Thursday, February 19, 2026	Practice Questions	Recorded	Recorded	Resistance in Series and Parallel & Star Delta conversion	Recorded
Friday, February 20, 2026	Smith Chart	Recorded	Recorded	Capacitance in Series and Parallel	Recorded
Monday, February 23, 2026	Radar range equation	Recorded	Recorded	KVL and KCL	Recorded
Tuesday, February 24, 2026	Satellite Communication - 1	Recorded	Recorded	Question Practice Session	Recorded
Wednesday, February 25, 2026	Satellite Communication - 2	Recorded	Recorded	Questions Practice Session	Recorded
Thursday, February 26, 2026	Cellular Communication - 1	Recorded	Recorded	Network Theorem	Recorded
Friday, February 27, 2026	Cellular Communication - 2	Recorded	Recorded	(Superposition Theorem)	Recorded
<b>Linear Integrated Circuits</b>			Recorded	Thevenin's, Nortons Theorem	Recorded
			Recorded	Maximum Power Transfer Theorem	Recorded
			Recorded	Tellegen's, Milliman's & Reciprocity Theorem	Recorded
<b>Date</b>	<b>Topic</b>	<b>Timing</b>	Recorded	AC Fundamentals	Recorded
Recorded	Introduction	Recorded	Recorded	Series Resonance	Recorded
Recorded	Construction and Properties part-1	Recorded	Recorded	Parallel Resonance	Recorded
Recorded	Construction and Properties part-2	Recorded	Recorded	Performance Parameters of Series and Parallel Resonance	Recorded
Recorded	Construction and Properties part-2	Recorded	Recorded	Average & RMS values of difference waveforms	Recorded
Recorded	Linear applications part-1	Recorded	Recorded	Two Port Networks & Graph Theory	Recorded
Recorded	Linear applications part-2	Recorded	Recorded	Graph Theory and Questions	Recorded
Recorded	Non Linear applications part-1	Recorded	Recorded	Poly phase Network	Recorded

Recorded	Non Linear applications part-2	Recorded	Recorded	Poly phase Network	Recorded
Recorded	Voltage regulators	Recorded	Recorded	Power Triangle, impedance Triangle, charging and discharging of Inductor and Capacitor	Recorded
Recorded	Miscellaneous	Recorded	<b>Microprocessor &amp; Microcontroller</b>		
Recorded	Introduction	Recorded			
Recorded	Question on Timers	Recorded			
Recorded	Phase loked loop	Recorded			
<b>END OF SUBJECT</b>			<b>Date</b>	<b>Topic</b>	<b>Timing</b>
<b>Data Communication and Network</b>			Recorded	Microprocessor-1	Recorded
			Recorded	Microprocessor-2	Recorded
			Recorded	Microprocessor-3	Recorded
			Recorded	Microprocessor-4	Recorded
<b>Date</b>	<b>Topic</b>	<b>Timing</b>	Recorded	Microprocessor-5	Recorded
Recorded	Data Communication	Recorded	Recorded	Microprocessor-6	Recorded
Recorded	Hardware and interface - 1	Recorded	Recorded	Microprocessor-7	Recorded
Recorded	Hardware and interface - 2	Recorded	Recorded	Microprocessor-8	Recorded
Recorded	OSI layers	Recorded	Recorded	Microprocessor-9	Recorded
Recorded	LAN, MAN, WAN	Recorded	Recorded	Microprocessor-10	Recorded
Recorded	Network Topologies	Recorded	<b>Digital Electronics</b>		
Recorded	Objective Questions	Recorded	<b>Date</b>	<b>Topic</b>	<b>Timing</b>
Recorded	Ethernet	Recorded	Recorded	<b>Orientation</b>	Recorded
Recorded	IP addresses	Recorded	Recorded	Introduction to Number systems	Recorded
Recorded	internet working	Recorded	Recorded	Addition in different base	Recorded
<b>END OF SUBJECT</b>			Recorded	Subtraction in Different Base	Recorded
<b>Ashish Sir : Control system</b>			Recorded	Complements	Recorded
			Recorded	Interconversions part-1	Recorded
			Recorded	Interconversions part-2	Recorded
<b>Date</b>	<b>Topic</b>	<b>Timing</b>	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
<b>Avinash sir - Electronics Devices</b>			Recorded	Circuits of Gates	Recorded
<b>Date</b>	<b>Topic</b>	<b>Timing</b>	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	Transistion 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			