

STUDY PLAN

Digital Electronics			Ashish Sir - Network Theory			Measurement and instrumentation		
Date	Topic	Timing	Date	Topic	Timing	Date	Topic	Timing
Thursday, April 23, 2026	Orientation	7 PM - 8.30 PM	Thursday, April 23, 2026	Parallel Resonance	8:00AM - 9:00AM	Friday, June 12, 2026	Introduction to Electrical & Electronics Engineering Measurements	3:30PM 4:30PM
Friday, April 24, 2026	Introduction to Number systems	7 PM - 8.30 PM	Friday, April 24, 2026	Performance Parameters of Series and Parallel Resonance	8:00AM - 9:00AM	Monday, June 15, 2026	Error Analysis Part-1	3:30PM 4:30PM
Monday, April 27, 2026	Addition in different base	7 PM - 8.30 PM	Monday, April 27, 2026	Average & RMS values of difference waveforms	8:00AM - 9:00AM	Tuesday, June 16, 2026	Error Analysis Part-2	3:30PM 4:30PM
Tuesday, April 28, 2026	Subtraction in Different Base	7 PM - 8.30 PM	Tuesday, April 28, 2026	Two Port Networks & Graph Theory	8:00AM - 9:00AM	Wednesday, June 17, 2026	Types of Dampings and torques	3:30PM 4:30PM
Wednesday, April 29, 2026	Complements	7 PM - 8.30 PM	Wednesday, April 29, 2026	Graph Theory and Questions	8:00AM - 9:00AM	Thursday, June 18, 2026	PMMC	3:30PM 4:30PM
Thursday, April 30, 2026	Interconversions part-1	7 PM - 8.30 PM	Thursday, April 30, 2026	Poly phase Network	8:00AM - 9:00AM	Friday, June 19, 2026	Rectifier type instruments	3:30PM 4:30PM
Friday, May 1, 2026	Interconversions part-2	7 PM - 8.30 PM	Friday, May 1, 2026	Poly phase Network	8:00AM - 9:00AM	Monday, June 22, 2026	Moving iron type instruments -1	3:30PM 4:30PM
Monday, May 4, 2026	Binary Codes,BCD	7 PM - 8.30 PM	Monday, May 4, 2026	Power Triangle, impedance Triangle, charging and discharging of Inductor and Capacitor	8:00AM - 9:00AM	Tuesday, June 23, 2026	Moving iron type instruments -2	3:30PM 4:30PM
Tuesday, May 5, 2026	Excess-3 and Gray Codes	7 PM - 8.30 PM		Electric Potential	RECORDING	Wednesday, June 24, 2026		3:30PM 4:30PM
Wednesday, May 6, 2026	Practice Questions	7 PM - 8.30 PM		Ohms law, Concept of Resistance	RECORDING	Thursday, June 25, 2026	Power factor meter, flux meter, Frequency meter	3:30PM 4:30PM
Thursday, May 7, 2026	Axioms and Operations	7 PM - 8.30 PM		Types Of Circuit Elements	RECORDING	Friday, June 26, 2026	Measurement of Power-1	3:30PM 4:30PM
Friday, May 8, 2026	Laws of Boolean Algebra	7 PM - 8.30 PM		Concept of Inductor	RECORDING	Monday, June 29, 2026	Measurement of Power-2	3:30PM 4:30PM
Monday, May 11, 2026	SOP and POS representation part-1	7 PM - 8.30 PM		Concept of Capacitance & Laplace transforms	RECORDING	Tuesday, June 30, 2026	Energy meter -1	3:30PM 4:30PM
Tuesday, May 12, 2026	SOP and POS representation part-2	7 PM - 8.30 PM		Some Functions & Their Laplace Transforms	RECORDING	Wednesday, July 1, 2026	Energy meter -2	3:30PM 4:30PM
Wednesday, May 13, 2026	Basic Gates	7 PM - 8.30 PM		Resistance in Series and Parallel & Star Delta conversion	RECORDING	Thursday, July 2, 2026	Instrument transformers Part-1	3:30PM 4:30PM
Thursday, May 14, 2026	Special Gates	7 PM - 8.30 PM		Capacitance in Series and Parallel	RECORDING	Friday, July 3, 2026	Instrument transformers Part-2	3:30PM 4:30PM
Friday, May 15, 2026	Universal Gates	7 PM - 8.30 PM		KVL and KCL	RECORDING	Monday, July 6, 2026	CRO - 1	3:30PM 4:30PM

Monday, May 18, 2026	Circuits of Gates	7 PM - 8.30 PM		Question Practice Session	RECORDING	Tuesday, July 7, 2026	CRO - 2	3:30PM 4:30PM
Tuesday, May 19, 2026	Adders	7 PM - 8.30 PM		Questions Practice Session	RECORDING	Wednesday, July 8, 2026	AC bridges 1	3:30PM 4:30PM
Wednesday, May 20, 2026	Subtractors	7 PM - 8.30 PM		Network Theorem	RECORDING	Thursday, July 9, 2026	AC bridges 2	3:30PM 4:30PM
Thursday, May 21, 2026	Multiplexers part-1	7 PM - 8.30 PM		(Superposition Theorem)	RECORDING	Ashish Sir : Control system		
Friday, May 22, 2026	Multiplexers part-2	7 PM - 8.30 PM		Thevenin's, Nortons Theorem	RECORDING			
Monday, May 25, 2026	Demultiplexers and Decoders	7 PM - 8.30 PM		Maximum Power Transfer Theorem	RECORDING			
Tuesday, May 26, 2026	Practice Questions	7 PM - 8.30 PM		Tellegen's, Milliman's & Reciprocity Theorem	RECORDING			
Wednesday, May 27, 2026	Introduction to flip flops	7 PM - 8.30 PM		AC Fundamentals	RECORDING	Friday, July 10, 2026	Introduction	3:30PM 4:30PM
Thursday, May 28, 2026	Different types of Flip flops	7 PM - 8.30 PM		Series Resonance	RECORDING	Monday, July 13, 2026	Basics of Control Systems	3:30PM 4:30PM
Friday, May 29, 2026	Counters Basics	7 PM - 8.30 PM				Tuesday, July 14, 2026	Concept of Transfer Function	3:30PM 4:30PM
Monday, June 1, 2026	Counters Basics	7 PM - 8.30 PM				Wednesday, July 15, 2026	Mechanical System	3:30PM 4:30PM
Tuesday, June 2, 2026	Practice Questions	7 PM - 8.30 PM				Thursday, July 16, 2026	Block Diagram Reduction Technique & SFG	3:30PM 4:30PM
Wednesday, June 3, 2026	A/D Convertors	7 PM - 8.30 PM				Friday, July 17, 2026	Block Diagram Reduction Technique & SFG	3:30PM 4:30PM
Thursday, June 4, 2026	D/A Convertors	7 PM - 8.30 PM				Monday, July 20, 2026	Block Diagram Reduction Technique & SFG	3:30PM 4:30PM
Friday, June 5, 2026	Practice Questions	7 PM - 8.30 PM				Tuesday, July 21, 2026	Time Domain Analysis	3:30PM 4:30PM
Monday, June 8, 2026	Memories	7 PM - 8.30 PM				Wednesday, July 22, 2026	Time Domain Analysis	3:30PM 4:30PM
Avinash sir - Electronics Devices						Thursday, July 23, 2026	Time Domain Analysis	3:30PM 4:30PM
Date	Topic	Timing				Friday, July 24, 2026	Time Domain Analysis	3:30PM 4:30PM
Tuesday, June 9, 2026	Energy Band Diagram	7 PM - 8.30 PM				Monday, July 27, 2026	Stability	3:30PM 4:30PM
Wednesday, June 10, 2026	Types of Semiconductor	7 PM - 8.30 PM				Tuesday, July 28, 2026	Stability	3:30PM 4:30PM
Thursday, June 11, 2026	Resistivity and Conductivity of Semiconductor	7 PM - 8.30 PM				Wednesday, July 29, 2026	Root Locus Technique	3:30PM 4:30PM
Friday, June 12, 2026	Hall Effect	7 PM - 8.30 PM				Thursday, July 30, 2026	Root Locus Technique	3:30PM 4:30PM

Monday, June 15, 2026	Practice Questions	7 PM - 8.30 PM				Friday, July 31, 2026	Root Locus Technique	3:30PM 4:30PM
Tuesday, June 16, 2026	PN Junction Diodes	7 PM - 8.30 PM				Monday, August 3, 2026	Root Locus Technique	3:30PM 4:30PM
Wednesday, June 17, 2026	Characteristics of PN Junction Diodes	7 PM - 8.30 PM				Tuesday, August 4, 2026	Frequency Domain Analysis	3:30PM 4:30PM
Thursday, June 18, 2026	Transistion and Diffusion Capacitance	7 PM - 8.30 PM				Wednesday, August 5, 2026	Frequency Domain Analysis	3:30PM 4:30PM
Friday, June 19, 2026	Zener Diode	7 PM - 8.30 PM				Thursday, August 6, 2026	Frequency Domain Analysis	3:30PM 4:30PM
Monday, June 22, 2026	Avalanche and Zener Breakdown	7 PM - 8.30 PM				Friday, August 7, 2026	Polar Plots	3:30PM 4:30PM
Tuesday, June 23, 2026	Rectifiers-1	7 PM - 8.30 PM				Monday, August 10, 2026	Polar Plots	3:30PM 4:30PM
Wednesday, June 24, 2026	Rectifiers-2	7 PM - 8.30 PM				Tuesday, August 11, 2026	Polar Plots	3:30PM 4:30PM
Thursday, June 25, 2026	Clippers	7 PM - 8.30 PM				Wednesday, August 12, 2026	Nyquist Plot	3:30PM 4:30PM
Friday, June 26, 2026	Clampers	7 PM - 8.30 PM				Thursday, August 13, 2026	Nyquist Plot	3:30PM 4:30PM
Monday, June 29, 2026	Practice Questions	7 PM - 8.30 PM				Friday, August 14, 2026	Nyquist Plot	3:30PM 4:30PM
Tuesday, June 30, 2026	Transistors and Its working	7 PM - 8.30 PM				Monday, August 17, 2026	Bode Plot	3:30PM 4:30PM
Wednesday, July 1, 2026	Confuguration and Characteristics of Transistors	7 PM - 8.30 PM				Tuesday, August 18, 2026	Bode Plot	3:30PM 4:30PM
Thursday, July 2, 2026	Current Components in BJT	7 PM - 8.30 PM				Wednesday, August 19, 2026	Bode Plot	3:30PM 4:30PM
Friday, July 3, 2026	Early Effect	7 PM - 8.30 PM				Thursday, August 20, 2026	Bode Plot	3:30PM 4:30PM
Monday, July 6, 2026	Mode of Operation	7 PM - 8.30 PM				Friday, August 21, 2026	Bode Plot	3:30PM 4:30PM
Tuesday, July 7, 2026	Applications of Transistor	7 PM - 8.30 PM				Monday, August 24, 2026	State Space Analysis	3:30PM 4:30PM
Wednesday, July 8, 2026	BJT amplifiers - 1	7 PM - 8.30 PM				Tuesday, August 25, 2026	State Space Analysis	3:30PM 4:30PM
Thursday, July 9, 2026	BJT amplifiers - 2	7 PM - 8.30 PM						
Friday, July 10, 2026	Power amplifiers	7 PM - 8.30 PM						
Monday, July 13, 2026	Sinusoidal Oscillator & Phase shift Oscillator	7 PM - 8.30 PM						

Tuesday, July 14, 2026	Wien Bridge Oscillator	7 PM - 8.30 PM						
Wednesday, July 15, 2026	Colpitts and Hartley Oscillators	7 PM - 8.30 PM						
Thursday, July 16, 2026	Multivibrator - 1	7 PM - 8.30 PM						
Friday, July 17, 2026	Multivibrator - 2	7 PM - 8.30 PM						
Monday, July 20, 2026	Practice Questions	7 PM - 8.30 PM						
Tuesday, July 21, 2026	Inverter and UPS	7 PM - 8.30 PM						
Wednesday, July 22, 2026	Working of Triode	7 PM - 8.30 PM						
Thursday, July 23, 2026	Triode Circuits	7 PM - 8.30 PM						
Linear Integrated Circuits								
Date	Topic	Timing						
Friday, July 24, 2026	Introduction	7 PM - 8.30 PM						
Monday, July 27, 2026	Construction and Properties part-1	7 PM - 8.30 PM						
Tuesday, July 28, 2026	Construction and Properties part-2	7 PM - 8.30 PM						
Wednesday, July 29, 2026	Construction and Properties part-2	7 PM - 8.30 PM						
Thursday, July 30, 2026	Linear applications part-1	7 PM - 8.30 PM						
Friday, July 31, 2026	Linear applications part-2	7 PM - 8.30 PM						
Monday, August 3, 2026	Non Linear applications part-1	7 PM - 8.30 PM						
Tuesday, August 4, 2026	Non Linear applications part-2	7 PM - 8.30 PM						
Wednesday, August 5, 2026	Voltage regulators	7 PM - 8.30 PM						
Thursday, August 6, 2026	Miscellaneous	7 PM - 8.30 PM						

Friday, August 28, 2026	Microprocessor-3	7 PM - 8.30 PM						
Monday, August 31, 2026	Microprocessor-4	7 PM - 8.30 PM						
Tuesday, September 1, 2026	Microprocessor-5	7 PM - 8.30 PM						
Wednesday, September 2, 2026	Microprocessor-6	7 PM - 8.30 PM						
Thursday, September 3, 2026	Microprocessor-7	7 PM - 8.30 PM						
Friday, September 4, 2026	Microprocessor-8	7 PM - 8.30 PM						
Monday, September 7, 2026	Microprocessor-9	7 PM - 8.30 PM						
Tuesday, September 8, 2026	Microprocessor-10	7 PM - 8.30 PM						
Communication Engineering								
Date	Topic	Timing						
Wednesday, September 9, 2026	Introduction	7 PM - 8.30 PM						
Thursday, September 10, 2026	Modulation requirements	7 PM - 8.30 PM						
Friday, September 11, 2026	Amplitude modulation part-1	7 PM - 8.30 PM						
Monday, September 14, 2026	Amplitude modulation part-2	7 PM - 8.30 PM						
Tuesday, September 15, 2026	Amplitude modulation part-2	7 PM - 8.30 PM						
Wednesday, September 16, 2026	DSBSC Modulation and demodulation	7 PM - 8.30 PM						
Thursday, September 17, 2026	SSB SC Modulation and demodulation	7 PM - 8.30 PM						
Friday, September 18, 2026	VSB modulation and demodulation	7 PM - 8.30 PM						
Monday, September 21, 2026	Practice Questions	7 PM - 8.30 PM						
Tuesday, September 22, 2026	Introduction	7 PM - 8.30 PM						

Wednesday, September 23, 2026	Phase and frequency modulation parameters	7 PM - 8.30 PM						
Thursday, September 24, 2026	Modulation and demodulation techniques	7 PM - 8.30 PM						
Friday, September 25, 2026	Receivers part-1	7 PM - 8.30 PM						
Monday, September 28, 2026	Receivers part-2	7 PM - 8.30 PM						
Tuesday, September 29, 2026	Receivers part-3	7 PM - 8.30 PM						
Wednesday, September 30, 2026	Block Diagram of PCM	7 PM - 8.30 PM						
Thursday, October 1, 2026	Sampling criteria	7 PM - 8.30 PM						
Friday, October 2, 2026	Quantization	7 PM - 8.30 PM						
Monday, October 5, 2026	Intersymbol interference	7 PM - 8.30 PM						
Tuesday, October 6, 2026	Frequency division multiplexing	7 PM - 8.30 PM						
Wednesday, October 7, 2026	Time division multiplexing	7 PM - 8.30 PM						
Thursday, October 8, 2026	Wave Propagation - 1	7 PM - 8.30 PM						
Friday, October 9, 2026	Wave Propagation - 2	7 PM - 8.30 PM						
Monday, October 12, 2026	Equivalent Circuit of TL	7 PM - 8.30 PM						
Tuesday, October 13, 2026	Lossless and distortionless TL	7 PM - 8.30 PM						
Wednesday, October 14, 2026	Input impedance of TL	7 PM - 8.30 PM						
Thursday, October 15, 2026	Reflection coefficient and VSWR	7 PM - 8.30 PM						
Friday, October 16, 2026	Practice Questions	7 PM - 8.30 PM						
Monday, October 19, 2026	Smith Chart	7 PM - 8.30 PM						
Tuesday, October 20, 2026	Radar range equation	7 PM - 8.30 PM						
Wednesday, October 21, 2026	Satellite Communication - 1	7 PM - 8.30 PM						

Thursday, October 22, 2026	Satellite Communication - 2	7 PM - 8.30 PM						
Friday, October 23, 2026	Cellular Communication - 1	7 PM - 8.30 PM						
Monday, October 26, 2026	Cellular Communication - 2	7 PM - 8.30 PM						

