Study Plan

Ashish Sir - Network Theory/Basic Electrical		
Date	**Topic**	**Timing**
Friday, November 20, 2026	Resistance in Series and Parallel & Star Delta conversion	3:30PM - 4:30PM
Monday, November 30, 2026	Capacitance in Series and Parallel	3:30PM - 4:30PM
Tuesday, December 1, 2026	KVL and KCL	3:30PM - 4:30PM
Wednesday, December 2, 2026	Question Practice Session	3:30PM - 4:30PM
Thursday, December 3, 2026	Questions Practice Session	3:30PM - 4:30PM
Friday, December 4, 2026	Network Theorem	3:30PM - 4:30PM
Monday, December 7, 2026	(Superposition Theorem)	3:30PM - 4:30PM
Tuesday, December 8, 2026	Thevenin's, Nortons Theorem	3:30PM - 4:30PM
Wednesday, December 9, 2026	Maximum Power Transfer Theorem	3:30PM - 4:30PM
Thursday, December 10, 2026	Tellegen's, Milliman's & Reciprocity Theorem	3:30PM - 4:30PM
Friday, December 11, 2026	AC Fundamentals	3:30PM - 4:30PM
Monday, December 14, 2026	Series Resonance	3:30PM - 4:30PM
Tuesday, December 15, 2026	Parallel Resonance	3:30PM - 4:30PM
Wednesday, December 16, 2026	Performance Parameters of Series and Parallel Resonance	3:30PM - 4:30PM
Thursday, December 17, 2026	Average & RMS values of difference waveforms	3:30PM - 4:30PM
Friday, December 18, 2026	Two Port Networks & Graph Theory	3:30PM - 4:30PM
Monday, December 21, 2026	Graph Theory and Questions	3:30PM - 4:30PM
Tuesday, December 22, 2026	Poly phase Network	3:30PM - 4:30PM
Wednesday, December 23, 2026	Poly phase Network	3:30PM - 4:30PM
Thursday, December 24, 2026	Power Triangle, impedance Triangle, charging and discharging of Inductor and Capacitor	3:30PM - 4:30PM
	Electric Potential	
	Ohms law, Concept of Resistance	
	Types Of Circuit Elements	
	Concept of Inductor	
	Concept of Capacitance & Laplace transforms	
	Some Functions & Their Laplace Transforms	

Ashish Sir: Basic Electronics		
Date	**Topic**	**Timing**
Friday, November 20, 2026	Introduction to Basic Electronics	5:45PM 6.45PM
Monday, November 30, 2026	Basics of Semiconductor Materials Part-1	5:45PM 6.45PM
Tuesday, December 1, 2026	Basics of Semiconductor Materials Part-2	5:45PM 6.45PM
Wednesday, December 2, 2026	Semiconductor Physics Part-1	5:45PM 6.45PM
Thursday, December 3, 2026	Semiconductor Physics Part-2	5:45PM 6.45PM
Friday, December 4, 2026	PN Junction Diode Part-1	5:45PM 6.45PM
Monday, December 7, 2026	PN Junction Diode Part-2	5:45PM 6.45PM
Tuesday, December 8, 2026	Zener Diode Part -1	5:45PM 6.45PM
Wednesday, December 9, 2026	Zener Diode Part -2	5:45PM 6.45PM
Thursday, December 10, 2026	Tunnel diode, LED	5:45PM 6.45PM
Friday, December 11, 2026	PhotoDiode, Shottcky Diode	5:45PM 6.45PM
Monday, December 14, 2026	BJT Part-1	5:45PM 6.45PM
Tuesday, December 15, 2026	BJT Part-2	5:45PM 6.45PM
Wednesday, December 16, 2026	BJT Part-3	5:45PM 6.45PM
Thursday, December 17, 2026	BJT Part-4	5:45PM 6.45PM
Friday, December 18, 2026	BJT Part-5	5:45PM 6.45PM
Monday, December 21, 2026	BJT Part-6	5:45PM 6.45PM
Tuesday, December 22, 2026	BJT Part-7	5:45PM 6.45PM
Wednesday, December 23, 2026	FeedBack Amplifier	5:45PM 6.45PM
Thursday, December 24, 2026	Power amplifier	5:45PM 6.45PM
Monday, December 28, 2026	FET introduction and working	5:45PM 6.45PM
Tuesday, December 29, 2026	MCQs on FET	5:45PM 6.45PM
Wednesday, December 30, 2026	MOSFET introduction and working	5:45PM 6.45PM
Thursday, December 31, 2026	Op-amp Part-1	5:45PM 6.45PM
Friday, January 1, 2027	Op-amp Part-2	5:45PM 6.45PM
Monday, January 4, 2027	Op-amp Part-3	5:45PM 6.45PM

Ashish Sir : Measurement and instrumentation		
Date	**Topic**	**Timing**
Wednesday, January 27, 2027	Introduction to Electrical & Electronics Engineering Measurements	3:30PM - 4:30PM
Thursday, January 28, 2027	Error Analysis Part-1	3:30PM - 4:30PM
Friday, January 29, 2027	Error Analysis Part-2	3:30PM - 4:30PM
Monday, February 1, 2027	Types of Dampings and torques	3:30PM - 4:30PM
Tuesday, February 2, 2027	PMMC	3:30PM - 4:30PM
Wednesday, February 3, 2027	Rectifier type instruments	3:30PM - 4:30PM
Thursday, February 4, 2027	Moving iron type instruments -1	3:30PM - 4:30PM
Friday, February 5, 2027	Moving iron type instruments -2	3:30PM - 4:30PM
Monday, February 8, 2027		3:30PM - 4:30PM
Tuesday, February 9, 2027	Power factor meter, flux meter, Frequency meter	3:30PM - 4:30PM
Wednesday, February 10, 2027	Measurement of Power-1	3:30PM - 4:30PM
Thursday, February 11, 2027	Measurement of Power-2	3:30PM - 4:30PM
Friday, February 12, 2027	Energy meter -1	3:30PM - 4:30PM
Monday, February 15, 2027	Energy meter -2	3:30PM - 4:30PM
Tuesday, February 16, 2027	Instrument transformers Part-1	3:30PM - 4:30PM
Wednesday, February 17, 2027	Instrument transformers Part-2	3:30PM - 4:30PM
Thursday, February 18, 2027	CRO - 1	3:30PM - 4:30PM
Friday, February 19, 2027	CRO - 2	3:30PM - 4:30PM
Monday, February 22, 2027	AC bridges 1	3:30PM - 4:30PM
Tuesday, February 23, 2027	AC bridges 2	3:30PM - 4:30PM

Ashish Sir : Control System		
Date	**Topic**	**Timing**
Wednesday, February 24, 2027	Control system-1	3:30PM - 4:30PM
Thursday, February 25, 2027	Control system-2	3:30PM - 4:30PM
Friday, February 26, 2027	Control system-3	3:30PM - 4:30PM
Monday, March 1, 2027	Control system-4	3:30PM - 4:30PM

Ashish Sir - UEE		
Date	**Topic**	**Timing**
Monday, December 28, 2026	Type of Motor and Characterstics	3:30PM - 4:30PM
Tuesday, December 29, 2026	Type of loads	3:30PM - 4:30PM
Wednesday, December 30, 2026	System of electric traction and track electrification	3:30PM - 4:30PM
Thursday, December 31, 2026	Speed-time curves for different services	3:30PM - 4:30PM
Monday, January 4, 2027	Calculation of various quantities of Electrical Traction	3:30PM - 4:30PM
Tuesday, January 5, 2027	Methods of Electrical Heating	3:30PM - 4:30PM
Wednesday, January 6, 2027	Methods of Electrical Welding	3:30PM - 4:30PM
Thursday, January 7, 2027	Introduction and terms used in Illumination	3:30PM - 4:30PM
Friday, January 8, 2027	Discharge Lamps, MV and SV Lamps	3:30PM - 4:30PM
Monday, January 11, 2027	Basic Principle of Light Control , Types and design of lightning and flood lighting	3:30PM - 4:30PM
Tuesday, January 5, 2027	Number system Part-1	5:45PM 6.45PM
Wednesday, January 6, 2027	Number system Part-2	5:45PM 6.45PM
Thursday, January 7, 2027	Boolean algebra	5:45PM 6.45PM
Friday, January 8, 2027	Logic Gates	5:45PM 6.45PM
Monday, January 11, 2027	Basics of Power Electronics Part-1	5:45PM 6.45PM
Tuesday, January 12, 2027	Basics of Power Electronics Part-2	5:45PM 6.45PM
Wednesday, January 13, 2027	SCR Part-1	5:45PM 6.45PM
Thursday, January 14, 2027	SCR Part-2	5:45PM 6.45PM
Friday, January 15, 2027	Types of Switches and their working Part-1	5:45PM 6.45PM
Monday, January 18, 2027	Types of Switches and their working Part-2	5:45PM 6.45PM
Tuesday, January 19, 2027	Types of Switches and their working Part-3	5:45PM 6.45PM
Wednesday, January 20, 2027	Miscellnous	5:45PM 6.45PM
Tuesday, March 2, 2027	Control system-5	3:30PM - 4:30PM
Wednesday, March 3, 2027	Control system-6	3:30PM - 4:30PM
Thursday, March 4, 2027	Control system-7	3:30PM - 4:30PM
Friday, March 5, 2027	Control system-8	3:30PM - 4:30PM
Monday, March 8, 2027	Control system-9	3:30PM - 4:30PM
Tuesday, March 9, 2027	Control system-10	3:30PM - 4:30PM
Wednesday, March 10, 2027	Control system-11	3:30PM - 4:30PM
Thursday, March 11, 2027	Control system-12	3:30PM - 4:30PM
Friday, March 12, 2027	Control system-13	3:30PM - 4:30PM
Monday, March 15, 2027	Control system-14	3:30PM - 4:30PM
Tuesday, March 16, 2027	Control system-15	3:30PM - 4:30PM
Wednesday, March 17, 2027	Control system-16	3:30PM - 4:30PM
Thursday, March 18, 2027	Control system-17	3:30PM - 4:30PM
Friday, March 19, 2027	Control system-18	3:30PM - 4:30PM
Monday, March 22, 2027	Control system-19	3:30PM - 4:30PM
Tuesday, March 23, 2027	Control system-20	3:30PM - 4:30PM

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