STUDY PLAN

Avinash Sir : Digital Electronics			Ashish Sir - Power Electronics			Ashish sir : Measurement and instrumentation		
Date	**Topic**	**Timing**	**Date**	**Topic**	**Timing**	**Date**	**Topic**	**Timing**
Friday, June 5, 2026	Basic Gates	8.30 PM - 9.30 PM	Wednesday, June 3, 2026	Power Electronics-1	3:30PM - 4:30PM	Friday, June 12, 2026	Introduction to Electrical & Electronics Engineering Measurements	3:30PM 4:30PM
Monday, June 8, 2026	Special Gates	8.30 PM - 9.30 PM	Thursday, June 4, 2026	Power Electronics-2	3:30PM - 4:30PM	Monday, June 15, 2026	Error Analysis Part-1	3:30PM 4:30PM
Tuesday, June 9, 2026	Universal Gates	8.30 PM - 9.30 PM	Friday, June 5, 2026	Power Electronics-3	3:30PM - 4:30PM	Tuesday, June 16, 2026	Error Analysis Part-2	3:30PM 4:30PM
Wednesday, June 10, 2026	Circuits of Gates	8.30 PM - 9.30 PM	Monday, June 8, 2026	Power Electronics-4	3:30PM - 4:30PM	Wednesday, June 17, 2026	Types of Dampings and torques	3:30PM 4:30PM
Thursday, June 11, 2026	Adders	8.30 PM - 9.30 PM	Tuesday, June 9, 2026	Power Electronics-5	3:30PM - 4:30PM	Thursday, June 18, 2026	PMMC	3:30PM 4:30PM
Friday, June 12, 2026	Subtractors	8.30 PM - 9.30 PM	Wednesday, June 10, 2026	Power Electronics-6	3:30PM - 4:30PM	Friday, June 19, 2026	Rectifier type instruments	3:30PM 4:30PM
Monday, June 15, 2026	Multiplexers part-1	8.30 PM - 9.30 PM	Thursday, June 11, 2026	Power Electronics-7	3:30PM - 4:30PM	Monday, June 22, 2026	Moving iron type instruments -1	3:30PM 4:30PM
Tuesday, June 16, 2026	Multiplexers part-2	8.30 PM - 9.30 PM	Friday, June 12, 2026	Power Electronics-8	3:30PM - 4:30PM	Tuesday, June 23, 2026	Moving iron type instruments -2	3:30PM 4:30PM
Wednesday, June 17, 2026	Demultiplexers and Decoders	8.30 PM - 9.30 PM	Monday, June 15, 2026	Power Electronics-9	3:30PM - 4:30PM	Wednesday, June 24, 2026		3:30PM 4:30PM
Thursday, June 18, 2026	Practice Questions	8.30 PM - 9.30 PM	Tuesday, June 16, 2026	Power Electronics-10	3:30PM - 4:30PM	Thursday, June 25, 2026	Power factor meter, flux meter, Frequency meter	3:30PM 4:30PM
Friday, June 19, 2026	Introduction to flip flops	8.30 PM - 9.30 PM	Wednesday, June 17, 2026	Power Electronics-11	3:30PM - 4:30PM	Friday, June 26, 2026	Measurement of Power-1	3:30PM 4:30PM
Monday, June 22, 2026	Different types of Flip flops	8.30 PM - 9.30 PM	Thursday, June 18, 2026	Power Electronics-12	3:30PM - 4:30PM	Monday, June 29, 2026	Measurement of Power-2	3:30PM 4:30PM
Tuesday, June 23, 2026	Counters Basics	8.30 PM - 9.30 PM	Friday, June 19, 2026	Power Electronics-13	3:30PM - 4:30PM	Tuesday, June 30, 2026	Energy meter -1	3:30PM 4:30PM
Wednesday, June 24, 2026	Counters Basics	8.30 PM - 9.30 PM	Monday, June 22, 2026	Power Electronics-14	3:30PM - 4:30PM	Wednesday, July 1, 2026	Energy meter -2	3:30PM 4:30PM
Thursday, June 25, 2026	Practice Questions	8.30 PM - 9.30 PM	**Ashish Sir : Analog Electronics**			Thursday, July 2, 2026	Instrument transformers Part-1	3:30PM 4:30PM
Friday, June 26, 2026	A/D Convertors	8.30 PM - 9.30 PM	**Date**	**Topic**	**Timing**	Friday, July 3, 2026	Instrument transformers Part-2	3:30PM 4:30PM
Monday, June 29, 2026	D/A Convertors	8.30 PM - 9.30 PM		Analog Electronics-1	Recording-1	Monday, July 6, 2026	CRO - 1	3:30PM 4:30PM

Tuesday, June 30, 2026	Practice Questions	8.30 PM - 9.30 PM	Recordings will be added by 05th June	Analog Electronics-2	Recording-2	Tuesday, July 7, 2026	CRO - 2	3:30PM 4:30PM
Wednesday, July 1, 2026	Memories	8.30 PM - 9.30 PM		Analog Electronics-3	Recording-3	Wednesday, July 8, 2026	AC bridges 1	3:30PM 4:30PM
	Orientation	Recording-1		Analog Electronics-4	Recording-4	Thursday, July 9, 2026	AC bridges 2	3:30PM 4:30PM
	Introduction to Number systems	Recording-2		Analog Electronics-5	Recording-5	**Microprocessor and Microcontroller**		
	Addition in different base	Recording-3		Analog Electronics-6	Recording-6	**Date**	**Topic**	**Timing**
	Subtraction in Different Base	Recording-4		Analog Electronics-7	Recording-7	Recordings will be added by 05th June	Microprocessor and microcontroller-1	Recording-1
	Complements	Recording-5		Analog Electronics-8	Recording-8		Microprocessor and microcontroller-2	Recording-2
	Interconversions part-1	Recording-6	**Ashish Sir : Control system**				Microprocessor and microcontroller-3	Recording-3
	Interconversions part-2	Recording-7					Microprocessor and microcontroller-4	Recording-4
	Binary Codes,BCD	Recording-8					Microprocessor and microcontroller-5	Recording-5
	Excess-3 and Gray Codes	Recording-9	**Date**	**Topic**	**Timing**		Microprocessor and microcontroller-6	Recording-6
	Practice Questions	Recording-10	Recordings will be added by 05th June	Introduction	Recording-1		Microprocessor and microcontroller-7	Recording-7
	Axioms and Operations	Recording-11		Basics of Control Systems	Recording-2		Microprocessor and microcontroller-8	Recording-8
	Laws of Boolean Algebra	Recording-12		Concept of Transfer Function	Recording-3		Microprocessor and microcontroller-9	Recording-9
	SOP and POS representation part-1	Recording-13		Mechanical System	Recording-4		Microprocessor and microcontroller-10	Recording-10
	SOP and POS representation part-2	Recording-14		Block Diagram Reduction Technique & SFG	Recording-5		Microprocessor and microcontroller-11	Recording-11
Avinash Sir : Signal and system				Block Diagram Reduction Technique & SFG	Recording-6		Microprocessor and microcontroller-12	Recording-12
Date	**Topic**	**Timing**		Block Diagram Reduction Technique & SFG	Recording-7		Microprocessor and microcontroller-13	Recording-13
Thursday, July 2, 2026	Signal operation-1	8.30 PM - 9.30 PM		Time Domain Analysis	Recording-8		Microprocessor and microcontroller-14	Recording-14
Friday, July 3, 2026	Signal operation-2	8.30 PM - 9.30 PM		Time Domain Analysis	Recording-9		Microprocessor and microcontroller-15	Recording-15

Monday, July 6, 2026	Signal operation-3	8.30 PM - 9.30 PM		Time Domain Analysis	Recording-10		Microprocessor and microcontroller-16	Recording-16
Tuesday, July 7, 2026	syestem-1	8.30 PM - 9.30 PM		Time Domain Analysis	Recording-11		Microprocessor and microcontroller-17	Recording-17
Wednesday, July 8, 2026	syestem-2	8.30 PM - 9.30 PM		Stability	Recording-12		Microprocessor and microcontroller-18	Recording-18
Thursday, July 9, 2026	syestem-3	8.30 PM - 9.30 PM		Stability	Recording-13		Microprocessor and microcontroller-19	Recording-19
Friday, July 10, 2026	Fourier series	8.30 PM - 9.30 PM		Root Locus Technique	Recording-14		Microprocessor and microcontroller-20	Recording-20
Monday, July 13, 2026	Fourier transform representations-1	8.30 PM - 9.30 PM		Root Locus Technique	Recording-15	**Basic Electronics**		
Tuesday, July 14, 2026	Fourier transform representations-2	8.30 PM - 9.30 PM		Root Locus Technique	Recording-16	**Date**	**Topic**	**Timing**
Wednesday, July 15, 2026	Discrete Fourier transform-1	8.30 PM - 9.30 PM		Root Locus Technique	Recording-17		Basic Electronics-1	Recording-1
Thursday, July 16, 2026	Discrete Fourier transform-2	8.30 PM - 9.30 PM		Frequency Domain Analysis	Recording-18		Basic Electronics-2	Recording-2
Friday, July 17, 2026	Discrete Fourier transform-3	8.30 PM - 9.30 PM		Frequency Domain Analysis	Recording-19		Basic Electronics-3	Recording-3
Monday, July 20, 2026	Discrete Fourier transform-4	8.30 PM - 9.30 PM		Frequency Domain Analysis	Recording-20		Basic Electronics-4	Recording-4
Tuesday, July 21, 2026	LTI Systems-1	8.30 PM - 9.30 PM		Polar Plots	Recording-21		Basic Electronics-5	Recording-5
Wednesday, July 22, 2026	LTI Systems-2	8.30 PM - 9.30 PM		Polar Plots	Recording-22		Basic Electronics-6	Recording-6
Thursday, July 23, 2026	LTI Systems-3	8.30 PM - 9.30 PM		Polar Plots	Recording-23	Recordings will be added by 05th June	Basic Electronics-7	Recording-7
Avinash Sir : Advanced Electronics				Nyquist Plot	Recording-24		Basic Electronics-8	Recording-8
Date	**Topic**	**Timing**		Nyquist Plot	Recording-25		Basic Electronics-9	Recording-9
Friday, July 24, 2026	Advanced Electronics-1	8.30 PM - 9.30 PM		Nyquist Plot	Recording-26		Basic Electronics-10	Recording-10
Monday, July 27, 2026	Advanced Electronics-2	8.30 PM - 9.30 PM		Bode Plot	Recording-27		Basic Electronics-11	Recording-11
Tuesday, July 28, 2026	Advanced Electronics-3	8.30 PM - 9.30 PM		Bode Plot	Recording-28		Basic Electronics-12	Recording-12
Wednesday, July 29, 2026	Advanced Electronics-4	8.30 PM - 9.30 PM		Bode Plot	Recording-29		Basic Electronics-13	Recording-13
Thursday, July 30, 2026	Advanced Electronics-5	8.30 PM - 9.30 PM		Bode Plot	Recording-30		Basic Electronics-14	Recording-14

Friday, July 31, 2026	Advanced Electronics-6	8.30 PM - 9.30 PM		Bode Plot	Recording-31		Basic Electronics-15	Recording-15
Monday, August 3, 2026	Advanced Electronics-7	8.30 PM - 9.30 PM		State Space Analysis	Recording-32		**Material Science**	
Tuesday, August 4, 2026	Advanced Electronics-8	8.30 PM - 9.30 PM		State Space Analysis	Recording-33	**Date**	**Topic**	**Timing**
Wednesday, August 5, 2026	Advanced Electronics-9	8.30 PM - 9.30 PM	**Ashish Sir - Network Theory**				Material Science-1	Recording-1
Thursday, August 6, 2026	Advanced Electronics-10	8.30 PM - 9.30 PM	**Date**	**Topic**	**Timing**		Material Science-2	Recording-2
Friday, August 7, 2026	Advanced Electronics-11	8.30 PM - 9.30 PM		Parallel Resonance	Recording-1		Material Science-3	Recording-3
Monday, August 10, 2026	Advanced Electronics-12	8.30 PM - 9.30 PM		Performance Parameters of Series and Parallel Resonance	Recording-2		Material Science-4	Recording-4
Tuesday, August 11, 2026	Advanced Electronics-13	8.30 PM - 9.30 PM		Average & RMS values of difference waveforms	Recording-3		Material Science-5	Recording-5
Wednesday, August 12, 2026	Advanced Electronics-14	8.30 PM - 9.30 PM		Two Port Networks & Graph Theory	Recording-4		Material Science-6	Recording-6
Thursday, August 13, 2026	Advanced Electronics-15	8.30 PM - 9.30 PM		Graph Theory and Questions	Recording-5		Material Science-7	Recording-7
Friday, August 14, 2026	Advanced Electronics-16	8.30 PM - 9.30 PM		Poly phase Network	Recording-6	Recordings will be added by 05th June	Material Science-8	Recording-8
Monday, August 17, 2026	Advanced Electronics-17	8.30 PM - 9.30 PM		Poly phase Network	Recording-7		Material Science-9	Recording-9
Tuesday, August 18, 2026	Advanced Electronics-18	8.30 PM - 9.30 PM	Recordings will be added on 05th June	Power Triangle, impedance Triangle, charging and discharging of Inductor and Capacitor	Recording-8		Material Science-10	Recording-10
Wednesday, August 19, 2026	Advanced Electronics-19	8.30 PM - 9.30 PM		Electric Potential	Recording-9		Material Science-11	Recording-11
Thursday, August 20, 2026	Advanced Electronics-20	8.30 PM - 9.30 PM		Ohms law, Concept of Resistance	Recording-10		Material Science-12	Recording-12
Friday, August 21, 2026	Advanced Electronics-21	8.30 PM - 9.30 PM		Types Of Circuit Elements	Recording-11		Material Science-13	Recording-13
Monday, August 24, 2026	Advanced Electronics-22	8.30 PM - 9.30 PM		Concept of Inductor	Recording-12		Material Science-14	Recording-14
Tuesday, August 25, 2026	Advanced Electronics-23	8.30 PM - 9.30 PM		Concept of Capacitance & Laplace transforms	Recording-13		Material Science-15	Recording-15
Wednesday, August 26, 2026	Advanced Electronics-24	8.30 PM - 9.30 PM		Some Functions & Their Laplace Transforms	Recording-14			

Thursday, August 27, 2026	Advanced Electronics-25	8.30 PM - 9.30 PM			Resistance in Series and Parallel & Star Delta conversion	Recording-15			
					Capacitance in Series and Parallel	Recording-16			
					KVL and KCL	Recording-17			
					Question Practice Session	Recording-18			
					Questions Practice Session	Recording-19			
					Network Theorem	Recording-20			
					(Superposition Theorem)	Recording-21			
					Thevenin's, Nortons Theorem	Recording-22			
					Maximum Power Transfer Theorem	Recording-23			
					Tellegen's, Milliman's & Reciprocity Theorem	Recording-24			
					AC Fundamentals	Recording-25			
					Series Resonance	Recording-26			