STUDY PLAN

Ashish Sir - Network Theory			Avinash Sir : Digital Electronics			Ashish sir : Measurement and instrumentation		
Date	**Topic**	**Timing**	**Date**	**Topic**	**Timing**	**Date**	**Topic**	**Timing**
Monday, May 18, 2026	Parallel Resonance	3:30PM - 4:30PM	Monday, May 18, 2026	**Orientation**	8.30 PM - 9.30 PM	Friday, June 12, 2026	Introduction to Electrical & Electronics Engineering Measurements	3:30PM 4:30PM
Tuesday, May 19, 2026	Performance Parameters of Series and Parallel Resonance	3:30PM - 4:30PM	Tuesday, May 19, 2026	Introduction to Number systems	8.30 PM - 9.30 PM	Monday, June 15, 2026	Error Analysis Part-1	3:30PM 4:30PM
Wednesday, May 20, 2026	Average & RMS values of difference waveforms	3:30PM - 4:30PM	Wednesday, May 20, 2026	Addition in different base	8.30 PM - 9.30 PM	Tuesday, June 16, 2026	Error Analysis Part-2	3:30PM 4:30PM
Thursday, May 21, 2026	Two Port Networks & Graph Theory	3:30PM - 4:30PM	Thursday, May 21, 2026	Subtraction in Different Base	8.30 PM - 9.30 PM	Wednesday, June 17, 2026	Types of Dampings and torques	3:30PM 4:30PM
Friday, May 22, 2026	Graph Theory and Questions	3:30PM - 4:30PM	Friday, May 22, 2026	Complements	8.30 PM - 9.30 PM	Thursday, June 18, 2026	PMMC	3:30PM 4:30PM
Monday, May 25, 2026	Poly phase Network	3:30PM - 4:30PM	Monday, May 25, 2026	Interconversions part-1	8.30 PM - 9.30 PM	Friday, June 19, 2026	Rectifier type instruments	3:30PM 4:30PM
Tuesday, May 26, 2026	Poly phase Network	3:30PM - 4:30PM	Tuesday, May 26, 2026	Interconversions part-2	8.30 PM - 9.30 PM	Monday, June 22, 2026	Moving iron type instruments -1	3:30PM 4:30PM
Wednesday, May 27, 2026	Power Triangle, impedance Triangle, charging and discharging of Inductor and Capacitor	3:30PM - 4:30PM	Wednesday, May 27, 2026	Binary Codes,BCD	8.30 PM - 9.30 PM	Tuesday, June 23, 2026	Moving iron type instruments -2	3:30PM 4:30PM
Thursday, May 28, 2026	Electric Potential	3:30PM - 4:30PM	Thursday, May 28, 2026	Excess-3 and Gray Codes	8.30 PM - 9.30 PM	Wednesday, June 24, 2026		3:30PM 4:30PM
Friday, May 29, 2026	Ohms law, Concept of Resistance	3:30PM - 4:30PM	Friday, May 29, 2026	Practice Questions	8.30 PM - 9.30 PM	Thursday, June 25, 2026	Power factor meter, flux meter, Frequency meter	3:30PM 4:30PM
Monday, June 1, 2026	Types Of Circuit Elements	3:30PM - 4:30PM	Monday, June 1, 2026	Axioms and Operations	8.30 PM - 9.30 PM	Friday, June 26, 2026	Measurement of Power-1	3:30PM 4:30PM
Tuesday, June 2, 2026	Concept of Inductor	3:30PM - 4:30PM	Tuesday, June 2, 2026	Laws of Boolean Algebra	8.30 PM - 9.30 PM	Monday, June 29, 2026	Measurement of Power-2	3:30PM 4:30PM
Wednesday, June 3, 2026	Concept of Capacitance & Laplace transforms	3:30PM - 4:30PM	Wednesday, June 3, 2026	SOP and POS representation part-1	8.30 PM - 9.30 PM	Tuesday, June 30, 2026	Energy meter -1	3:30PM 4:30PM
Thursday, June 4, 2026	Some Functions & Their Laplace Transforms	3:30PM - 4:30PM	Thursday, June 4, 2026	SOP and POS representation part-2	8.30 PM - 9.30 PM	Wednesday, July 1, 2026	Energy meter -2	3:30PM 4:30PM
Friday, June 5, 2026	Resistance in Series and Parallel & Star Delta conversion	3:30PM - 4:30PM	Friday, June 5, 2026	Basic Gates	8.30 PM - 9.30 PM	Thursday, July 2, 2026	Instrument transformers Part-1	3:30PM 4:30PM
Monday, June 8, 2026	Capacitance in Series and Parallel	3:30PM - 4:30PM	Monday, June 8, 2026	Special Gates	8.30 PM - 9.30 PM	Friday, July 3, 2026	Instrument transformers Part-2	3:30PM 4:30PM
Tuesday, June 9, 2026	KVL and KCL	3:30PM - 4:30PM	Tuesday, June 9, 2026	Universal Gates	8.30 PM - 9.30 PM	Monday, July 6, 2026	CRO - 1	3:30PM 4:30PM
Wednesday, June 10, 2026	Question Practice Session	3:30PM - 4:30PM	Wednesday, June 10, 2026	Circuits of Gates	8.30 PM - 9.30 PM	Tuesday, July 7, 2026	CRO - 2	3:30PM 4:30PM
Thursday, June 11, 2026	Questions Practice Session	3:30PM - 4:30PM	Thursday, June 11, 2026	Adders	8.30 PM - 9.30 PM	Wednesday, July 8, 2026	AC bridges 1	3:30PM 4:30PM

Friday, June 12, 2026	Network Theorem	3:30PM - 4:30PM
Monday, June 15, 2026	(Superposition Theorem)	3:30PM - 4:30PM
Tuesday, June 16, 2026	Thevenin's, Nortons Theorem	3:30PM - 4:30PM
Wednesday, June 17, 2026	Maximum Power Transfer Theorem	3:30PM - 4:30PM
Thursday, June 18, 2026	Tellegen's, Milliman's & Reciprocity Theorem	3:30PM - 4:30PM
Friday, June 19, 2026	AC Fundamentals	3:30PM - 4:30PM
Monday, June 22, 2026	Series Resonance	3:30PM - 4:30PM
Ashish Sir - Power Electronics		
Date	**Topic**	**Timing**
Tuesday, June 23, 2026	Power Electronics-1	3:30PM - 4:30PM
Wednesday, June 24, 2026	Power Electronics-2	3:30PM - 4:30PM
Thursday, June 25, 2026	Power Electronics-3	3:30PM - 4:30PM
Friday, June 26, 2026	Power Electronics-4	3:30PM - 4:30PM
Monday, June 29, 2026	Power Electronics-5	3:30PM - 4:30PM
Tuesday, June 30, 2026	Power Electronics-6	3:30PM - 4:30PM
Wednesday, July 1, 2026	Power Electronics-7	3:30PM - 4:30PM
Thursday, July 2, 2026	Power Electronics-8	3:30PM - 4:30PM
Friday, July 3, 2026	Power Electronics-9	3:30PM - 4:30PM
Monday, July 6, 2026	Power Electronics-10	3:30PM - 4:30PM
Tuesday, July 7, 2026	Power Electronics-11	3:30PM - 4:30PM
Wednesday, July 8, 2026	Power Electronics-12	3:30PM - 4:30PM
Thursday, July 9, 2026	Power Electronics-13	3:30PM - 4:30PM
Friday, July 10, 2026	Power Electronics-14	3:30PM - 4:30PM

Friday, June 12, 2026	Subtractors	8.30 PM - 9.30 PM
Monday, June 15, 2026	Multiplexers part-1	8.30 PM - 9.30 PM
Tuesday, June 16, 2026	Multiplexers part-2	8.30 PM - 9.30 PM
Wednesday, June 17, 2026	Demultiplexers and Decoders	8.30 PM - 9.30 PM
Thursday, June 18, 2026	Practice Questions	8.30 PM - 9.30 PM
Friday, June 19, 2026	Introduction to flip flops	8.30 PM - 9.30 PM
Monday, June 22, 2026	Different types of Flip flops	8.30 PM - 9.30 PM
Tuesday, June 23, 2026	Counters Basics	8.30 PM - 9.30 PM
Wednesday, June 24, 2026	Counters Basics	8.30 PM - 9.30 PM
Thursday, June 25, 2026	Practice Questions	8.30 PM - 9.30 PM
Friday, June 26, 2026	A/D Convertors	8.30 PM - 9.30 PM
Monday, June 29, 2026	D/A Convertors	8.30 PM - 9.30 PM
Tuesday, June 30, 2026	Practice Questions	8.30 PM - 9.30 PM
Wednesday, July 1, 2026	Memories	8.30 PM - 9.30 PM
Avinash Sir : Signal and system		
Date	**Topic**	**Timing**
Thursday, July 2, 2026	Signal operation-1	8.30 PM - 9.30 PM
Friday, July 3, 2026	Signal operation-2	8.30 PM - 9.30 PM
Monday, July 6, 2026	Signal operation-3	8.30 PM - 9.30 PM
Tuesday, July 7, 2026	syestem-1	8.30 PM - 9.30 PM
Wednesday, July 8, 2026	syestem-2	8.30 PM - 9.30 PM
Thursday, July 9, 2026	syestem-3	8.30 PM - 9.30 PM
Friday, July 10, 2026	Fourier series	8.30 PM - 9.30 PM

Thursday, July 9, 2026	AC bridges 2	3:30PM 4:30PM
Microprocessor and Microcontroller		
Date	**Topic**	**Timing**
Recordings will be added by 18th may	Microprocessor and microcontroller-1	Recording-1
	Microprocessor and microcontroller-2	Recording-2
	Microprocessor and microcontroller-3	Recording-3
	Microprocessor and microcontroller-4	Recording-4
	Microprocessor and microcontroller-5	Recording-5
	Microprocessor and microcontroller-6	Recording-6
	Microprocessor and microcontroller-7	Recording-7
	Microprocessor and microcontroller-8	Recording-8
	Microprocessor and microcontroller-9	Recording-9
	Microprocessor and microcontroller-10	Recording-10
	Microprocessor and microcontroller-11	Recording-11
	Microprocessor and microcontroller-12	Recording-12
	Microprocessor and microcontroller-13	Recording-13
	Microprocessor and microcontroller-14	Recording-14
	Microprocessor and microcontroller-15	Recording-15
	Microprocessor and microcontroller-16	Recording-16
	Microprocessor and microcontroller-17	Recording-17
	Microprocessor and microcontroller-18	Recording-18
	Microprocessor and microcontroller-19	Recording-19
	Microprocessor and microcontroller-20	Recording-20

Ashish Sir : Analog Electronics		
Date	**Topic**	**Timing**
Recordings will be added by 18th May	Analog Electronics-1	Recording-1
	Analog Electronics-2	Recording-2
	Analog Electronics-3	Recording-3
	Analog Electronics-4	Recording-4
	Analog Electronics-5	Recording-5
	Analog Electronics-6	Recording-6
	Analog Electronics-7	Recording-7
	Analog Electronics-8	Recording-8

Ashish Sir : Control system		
Date	**Topic**	**Timing**
Recordings will be added by 18th may	Introduction	Recording-1
	Basics of Control Systems	Recording-2
	Concept of Transfer Function	Recording-3
	Mechanical System	Recording-4
	Block Diagram Reduction Technique & SFG	Recording-5
	Block Diagram Reduction Technique & SFG	Recording-6
	Block Diagram Reduction Technique & SFG	Recording-7
	Time Domain Analysis	Recording-8
	Time Domain Analysis	Recording-9
Monday, July 13, 2026	Fourier transform representations-1	8.30 PM - 9.30 PM
Tuesday, July 14, 2026	Fourier transform representations-2	8.30 PM - 9.30 PM
Wednesday, July 15, 2026	Discrete Fourier transform-1	8.30 PM - 9.30 PM
Thursday, July 16, 2026	Discrete Fourier transform-2	8.30 PM - 9.30 PM
Friday, July 17, 2026	Discrete Fourier transform-3	8.30 PM - 9.30 PM
Monday, July 20, 2026	Discrete Fourier transform-4	8.30 PM - 9.30 PM
Tuesday, July 21, 2026	LTI Systems-1	8.30 PM - 9.30 PM
Wednesday, July 22, 2026	LTI Systems-2	8.30 PM - 9.30 PM
Thursday, July 23, 2026	LTI Systems-3	8.30 PM - 9.30 PM

Avinash Sir : Advanced Electronics		
Date	**Topic**	**Timing**
Friday, July 24, 2026	Advanced Electronics-1	8.30 PM - 9.30 PM
Monday, July 27, 2026	Advanced Electronics-2	8.30 PM - 9.30 PM
Tuesday, July 28, 2026	Advanced Electronics-3	8.30 PM - 9.30 PM
Wednesday, July 29, 2026	Advanced Electronics-4	8.30 PM - 9.30 PM
Thursday, July 30, 2026	Advanced Electronics-5	8.30 PM - 9.30 PM
Friday, July 31, 2026	Advanced Electronics-6	8.30 PM - 9.30 PM
Monday, August 3, 2026	Advanced Electronics-7	8.30 PM - 9.30 PM
Tuesday, August 4, 2026	Advanced Electronics-8	8.30 PM - 9.30 PM
Wednesday, August 5, 2026	Advanced Electronics-9	8.30 PM - 9.30 PM
Thursday, August 6, 2026	Advanced Electronics-10	8.30 PM - 9.30 PM
Friday, August 7, 2026	Advanced Electronics-11	8.30 PM - 9.30 PM
Monday, August 10, 2026	Advanced Electronics-12	8.30 PM - 9.30 PM

Power Electronics		
Date	**Topic**	**Timing**
Recordings will be added by 18th May	Power Electronics-1	Recording-1
	Power Electronics-2	Recording-2
	Power Electronics-3	Recording-3
	Power Electronics-4	Recording-4
	Power Electronics-5	Recording-5
	Power Electronics-6	Recording-6
	Power Electronics-7	Recording-7
	Power Electronics-8	Recording-8
	Power Electronics-9	Recording-9
	Power Electronics-10	Recording-10
	Power Electronics-11	Recording-11
	Power Electronics-12	Recording-12
	Power Electronics-13	Recording-13
	Power Electronics-14	Recording-14
	Power Electronics-15	Recording-15

Basic Electronics		
Date	**Topic**	**Timing**
Recordings will be added by 18th May	Basic Electronics-1	Recording-1
	Basic Electronics-2	Recording-2
	Basic Electronics-3	Recording-3
	Basic Electronics-4	Recording-4

	Time Domain Analysis	Recording-10	Tuesday, August 11, 2026	Advanced Electronics-13	8.30 PM - 9.30 PM		Basic Electronics-5	Recording-5
	Time Domain Analysis	Recording-11	Wednesday, August 12, 2026	Advanced Electronics-14	8.30 PM - 9.30 PM		Basic Electronics-6	Recording-6
	Stability	Recording-12	Thursday, August 13, 2026	Advanced Electronics-15	8.30 PM - 9.30 PM		Basic Electronics-7	Recording-7
	Stability	Recording-13	Friday, August 14, 2026	Advanced Electronics-16	8.30 PM - 9.30 PM		Basic Electronics-8	Recording-8
	Root Locus Technique	Recording-14	Monday, August 17, 2026	Advanced Electronics-17	8.30 PM - 9.30 PM		Basic Electronics-9	Recording-9
	Root Locus Technique	Recording-15	Tuesday, August 18, 2026	Advanced Electronics-18	8.30 PM - 9.30 PM		Basic Electronics-10	Recording-10
	Root Locus Technique	Recording-16	Wednesday, August 19, 2026	Advanced Electronics-19	8.30 PM - 9.30 PM		Basic Electronics-11	Recording-11
	Root Locus Technique	Recording-17	Thursday, August 20, 2026	Advanced Electronics-20	8.30 PM - 9.30 PM		Basic Electronics-12	Recording-12
	Frequency Domain Analysis	Recording-18	Friday, August 21, 2026	Advanced Electronics-21	8.30 PM - 9.30 PM		Basic Electronics-13	Recording-13
	Frequency Domain Analysis	Recording-19	Monday, August 24, 2026	Advanced Electronics-22	8.30 PM - 9.30 PM		Basic Electronics-14	Recording-14
	Frequency Domain Analysis	Recording-20	Tuesday, August 25, 2026	Advanced Electronics-23	8.30 PM - 9.30 PM		Basic Electronics-15	Recording-15
	Polar Plots	Recording-21	Wednesday, August 26, 2026	Advanced Electronics-24	8.30 PM - 9.30 PM	**Material Science**		
	Polar Plots	Recording-22	Thursday, August 27, 2026	Advanced Electronics-25	8.30 PM - 9.30 PM	**Date**	**Topic**	**Timing**
	Polar Plots	Recording-23				Recordings will be added by 18th May	Material Science-1	Recording-1
	Nyquist Plot	Recording-24					Material Science-2	Recording-2
	Nyquist Plot	Recording-25					Material Science-3	Recording-3
	Nyquist Plot	Recording-26					Material Science-4	Recording-4
	Bode Plot	Recording-27					Material Science-5	Recording-5
	Bode Plot	Recording-28					Material Science-6	Recording-6
	Bode Plot	Recording-29					Material Science-7	Recording-7
	Bode Plot	Recording-30					Material Science-8	Recording-8
	Bode Plot	Recording-31					Material Science-9	Recording-9
	State Space Analysis	Recording-32					Material Science-10	Recording-10

	State Space Analysis	Recording-33						Material Science-11	Recording-11
								Material Science-12	Recording-12
								Material Science-13	Recording-13
								Material Science-14	Recording-14
								Material Science-15	Recording-15