

STUDY PLAN

Ashish Sir - Network Theory			Ashish Sir : Power Systems			Ashish Sir : semiconductor memories		
Date	Topic	Timing	Date	Topic	Timing	Date	Topic	Timing
Thursday, March 5, 2026	Electric Potential	3:30PM 4:30PM	Monday, March 9, 2026	Introduction to Power Systems	5:30PM - 6:30PM	Friday, July 24, 2026	ROM	5:30PM - 6:30PM
Friday, March 6, 2026	Ohms law, Concept of Resistance	3:30PM 4:30PM	Tuesday, March 10, 2026	Generation (Thermal Power plant, Hydro Power Plant)	5:30PM - 6:30PM	Monday, July 27, 2026	SRAM	5:30PM - 6:30PM
Monday, March 9, 2026	Types Of Circuit Elements	3:30PM 4:30PM	Wednesday, March 11, 2026	Generation (Nuclear Power Plant), Renewable & Non renewable power plant	5:30PM - 6:30PM	Tuesday, July 28, 2026	DRAM	5:30PM - 6:30PM
Tuesday, March 10, 2026	Concept of Inductor	3:30PM 4:30PM	Thursday, March 12, 2026	Economic Load factors (Load factor, capacity factor etc.)	5:30PM - 6:30PM	Ashish Sir : Microprocessor		
Wednesday, March 11, 2026	Concept of Capacitance & Laplace transforms	3:30PM 4:30PM	Friday, March 13, 2026	Per unit method Part-1	5:30PM - 6:30PM	Date	Topic	Timing
Thursday, March 12, 2026	Some Functions & Their Laplace Transforms	3:30PM 4:30PM	Monday, March 16, 2026	Per unit method Part-2	5:30PM - 6:30PM	Wednesday, July 29, 2026	Architecture	5:30PM - 6:30PM
Friday, March 13, 2026	Resistance in Series and Parallel & Star Delta conversion	3:30PM 4:30PM	Tuesday, March 17, 2026	Question practice Session	5:30PM - 6:30PM	Thursday, July 30, 2026	All Instruction	5:30PM - 6:30PM
Monday, March 16, 2026	Capacitance in Series and Parallel	3:30PM 4:30PM	Wednesday, March 18, 2026	Power factor improvement Part-1	5:30PM - 6:30PM	Friday, July 31, 2026	Programming	5:30PM - 6:30PM
Tuesday, March 17, 2026	KVL and KCL	3:30PM 4:30PM	Thursday, March 19, 2026	Power factor improvement Part-2	5:30PM - 6:30PM	Monday, August 3, 2026	memory	5:30PM - 6:30PM
Wednesday, March 18, 2026	Question Practice Session	3:30PM 4:30PM	Friday, March 20, 2026	Power factor improvement Part-3	5:30PM - 6:30PM	Ashish Sir : Electronic Devices Circuits (EDC)		
Thursday, March 19, 2026	Questions Practice Session	3:30PM 4:30PM	Monday, March 23, 2026	Power factor improvement Part - 4	5:30PM - 6:30PM	Date	Topic	Timing
Friday, March 20, 2026	Network Theorem	3:30PM 4:30PM	Tuesday, March 24, 2026	Question practice Session	5:30PM - 6:30PM		EDC-1	Recording-1
Monday, March 23, 2026	(Superposition Theorem)	3:30PM 4:30PM	Wednesday, March 25, 2026	Transmission line parameters Part-1	5:30PM - 6:30PM		EDC-2	Recording-2
Tuesday, March 24, 2026	Thevenin's, Nortons Theorem	3:30PM 4:30PM	Thursday, March 26, 2026	Transmission line parameters Part-2	5:30PM - 6:30PM		EDC-3	Recording-3
Wednesday, March 25, 2026	Maximum Power Transfer Theorem	3:30PM 4:30PM	Friday, March 27, 2026	Transmission line parameters Part-3	5:30PM - 6:30PM		EDC-4	Recording-4
Thursday, March 26, 2026	Tellegen's, Milliman's & Reciprocity Theorem	3:30PM 4:30PM	Monday, March 30, 2026	Short circuit of fault analysis Part -1	5:30PM - 6:30PM		EDC-5	Recording-5
Friday, March 27, 2026	AC Fundamentals	3:30PM 4:30PM	Tuesday, March 31, 2026	Short circuit of fault analysis Part -2	5:30PM - 6:30PM		EDC-6	Recording-6
Monday, March 30, 2026	Series Resonance	3:30PM 4:30PM	Wednesday, April 1, 2026	Question practice Session	5:30PM - 6:30PM		EDC-7	Recording-7

Tuesday, March 31, 2026	Parallel Resonance	3:30PM 4:30PM	Thursday, April 2, 2026	Short circuit of fault analysis Part -3	5:30PM - 6:30PM		EDC-8	Recording-8
Wednesday, April 1, 2026	Performance Parameters of Series and Parallel Resonance	3:30PM 4:30PM	Friday, April 3, 2026	Power system stability Part - 1	5:30PM - 6:30PM	Ashish Sir : Analog Electronics		
Thursday, April 2, 2026	Average & RMS values of difference waveforms	3:30PM 4:30PM	Monday, April 6, 2026	Power system stability Part - 2	5:30PM - 6:30PM	Date	Topic	Timing
Friday, April 3, 2026	Two Port Networks & Graph Theory	3:30PM 4:30PM	Tuesday, April 7, 2026	Switchgear and protection Part-1	5:30PM - 6:30PM		Analog Electronics-1	Recording-1
Monday, April 6, 2026	Graph Theory and Questions	3:30PM 4:30PM	Wednesday, April 8, 2026	Switchgear and protection Part-2	5:30PM - 6:30PM		Analog Electronics-2	Recording-2
Tuesday, April 7, 2026	Poly phase Network	3:30PM 4:30PM	Thursday, April 9, 2026	Switchgear and protection Part-3	5:30PM - 6:30PM		Analog Electronics-3	Recording-3
Wednesday, April 8, 2026	Poly phase Network	3:30PM 4:30PM	Friday, April 10, 2026	Switchgear and protection Part-4	5:30PM - 6:30PM		Analog Electronics-4	Recording-4
Thursday, April 9, 2026	Power Triangle, impedance Triangle, charging and discharging of Inductor and Capacitor	3:30PM 4:30PM	Monday, April 13, 2026	Switchgear and protection Part-5	5:30PM - 6:30PM		Analog Electronics-5	Recording-5
Ashish SIR : Electrical Machine			Tuesday, April 14, 2026	Question practice Session	5:30PM - 6:30PM		Analog Electronics-6	Recording-6
Date	Topic	Timing	Wednesday, April 15, 2026	Cables, insulators Part -1	5:30PM - 6:30PM		Analog Electronics-7	Recording-7
Monday, April 6, 2026	Introduction to Electrical Machines	3:00 PM 4:00PM	Thursday, April 16, 2026	Cables, insulators Part -2	5:30PM - 6:30PM		Analog Electronics-8	Recording-8
Tuesday, April 7, 2026	Basic Concepts of Magnetic Materials	3:00 PM 4:00PM	Friday, April 17, 2026	Circuit Breakers Part -1	5:30PM - 6:30PM			
Wednesday, April 8, 2026	Basic concepts of Rotating Machines	3:00 PM 4:00PM	Monday, April 20, 2026	Circuit Breakers Part -2	5:30PM - 6:30PM			
Thursday, April 9, 2026	Working of DC Generators	3:00 PM 4:00PM	Tuesday, April 21, 2026	Question practice Session	5:30PM - 6:30PM			
Friday, April 10, 2026	Construction of DC Machines	3:00 PM 4:00PM	Measurement and instrumentation					
Monday, April 13, 2026	Commutator & Types of Windings	3:00 PM 4:00PM	Date	Topic	Timing			
Tuesday, April 14, 2026	Emf Equation of DC Generators	3:00 PM 4:00PM	Wednesday, April 22, 2026	Introduction to Electrical & Electronics Engineering Measurements	5:30PM - 6:30PM			
Wednesday, April 15, 2026	Type of DC Generators	3:00 PM 4:00PM	Thursday, April 23, 2026	Error Analysis Part-1	5:30PM - 6:30PM			
Thursday, April 16, 2026	Questions on DC Generators	3:00 PM 4:00PM	Friday, April 24, 2026	Error Analysis Part-2	5:30PM - 6:30PM			
Friday, April 17, 2026	Armature reaction of DC Generators-1	3:00 PM 4:00PM	Monday, April 27, 2026	Types of Dampings and torques	5:30PM - 6:30PM			
Monday, April 20, 2026	Armature reaction of DC Generators-2	3:00 PM 4:00PM	Tuesday, April 28, 2026	PMMC	5:30PM - 6:30PM			
Tuesday, April 21, 2026	Commutation in DC Machines	3:00 PM 4:00PM	Wednesday, April 29, 2026	Rectifier type instruments	5:30PM - 6:30PM			

Wednesday, April 22, 2026	Methods of improving commutations	3:00 PM 4:00PM	Thursday, April 30, 2026	Moving iron type instruments - 1	5:30PM - 6:30PM			
Thursday, April 23, 2026	Characteristics of DC Generators	3:00 PM 4:00PM	Friday, May 1, 2026	Moving iron type instruments - 2	5:30PM - 6:30PM			
Friday, April 24, 2026	Basic Principle of Motor	3:00 PM 4:00PM	Monday, May 4, 2026		5:30PM - 6:30PM			
Monday, April 27, 2026	Torque Equation of DC Motors	3:00 PM 4:00PM	Tuesday, May 5, 2026	Power factor meter, flux meter, Frequency meter	5:30PM - 6:30PM			
Tuesday, April 28, 2026	Speed control of DC Motors	3:00 PM 4:00PM	Wednesday, May 6, 2026	Measurement of Power-1	5:30PM - 6:30PM			
Wednesday, April 29, 2026	Starting and Braking methods of DC Motors	3:00 PM 4:00PM	Thursday, May 7, 2026	Measurement of Power-2	5:30PM - 6:30PM			
Thursday, April 30, 2026	Efficiency and testing methods of DC Motors	3:00 PM 4:00PM	Friday, May 8, 2026	Energy meter -1	5:30PM - 6:30PM			
Friday, May 1, 2026	Basics of Transformers	3:00 PM 4:00PM	Monday, May 11, 2026	Energy meter -2	5:30PM - 6:30PM			
Monday, May 4, 2026	Construction of transformers & Emf Equation of transformers,	3:00 PM 4:00PM	Tuesday, May 12, 2026	Instrument transformers Part-1	5:30PM - 6:30PM			
Tuesday, May 5, 2026	Equivalent circuit, O.C.& S.C. Tests	3:00 PM 4:00PM	Wednesday, May 13, 2026	Instrument transformers Part-2	5:30PM - 6:30PM			
Wednesday, May 6, 2026	Voltage regulation of transformers, Losses and efficiency of transformers	3:00 PM 4:00PM	Thursday, May 14, 2026	CRO - 1	5:30PM - 6:30PM			
Thursday, May 7, 2026	3 Phase transformers, Parallel operation of transformers	3:00 PM 4:00PM	Friday, May 15, 2026	CRO - 2	5:30PM - 6:30PM			
Friday, May 8, 2026	Construction & Working of 3-Phase Induction Machines	3:00 PM 4:00PM	Monday, May 18, 2026	AC bridges 1	5:30PM - 6:30PM			
Monday, May 11, 2026	Working & Equivalent Circuit of 3-Phase Induction Machines	3:00 PM 4:00PM	Tuesday, May 19, 2026	AC bridges 2	5:30PM - 6:30PM			
Tuesday, May 12, 2026	Torque Equation of 3-Phase induction Machines	3:00 PM 4:00PM	Ashish SIR: Basic Electronics					
Wednesday, May 13, 2026	Torque slip characteristics of 3-phase induction Motors	3:00 PM 4:00PM	Date	Topic	Timing			
Thursday, May 14, 2026	Starters & Braking methods of 3-Phase induction machines	3:00 PM 4:00PM	Wednesday, May 20, 2026	Introduction to Basic Electronics	5:30PM - 6:30PM			
Friday, May 15, 2026	Speed control of 3-Phase induction motors	3:00 PM 4:00PM	Thursday, May 21, 2026	Basics of Semiconductor Materials Part-1	5:30PM - 6:30PM			
Monday, May 18, 2026	Losses, efficiency, Cogging, Crawling of 3-Phase induction Motors	3:00 PM 4:00PM	Friday, May 22, 2026	Basics of Semiconductor Materials Part-2	5:30PM - 6:30PM			
Tuesday, May 19, 2026	Construction and working of 1-Phase induction motors	3:00 PM 4:00PM	Monday, May 25, 2026	Semiconductor Physics Part-1	5:30PM - 6:30PM			
Wednesday, May 20, 2026	Split phase Induction Motors, Capacitor start, Capacitor start capacitor run, Shaded pole Induction Motors	3:00 PM 4:00PM	Tuesday, May 26, 2026	Semiconductor Physics Part-2	5:30PM - 6:30PM			
Thursday, May 21, 2026	Hysteresis, Switched Reluctance motors, stepper motors	3:00 PM 4:00PM	Wednesday, May 27, 2026	PN Junction Diode Part-1	5:30PM - 6:30PM			

Friday, May 22, 2026	Construction & Working of 3-phase Synchronous Machines	3:00 PM 4:00PM	Thursday, May 28, 2026	PN Junction Diode Part-2	5:30PM - 6:30PM			
Monday, May 25, 2026	Armature reaction of 3-Phase synchronous generators at unity , Lagging pf & Leading pf	3:00 PM 4:00PM	Friday, May 29, 2026	Zener Diode Part -1	5:30PM - 6:30PM			
Tuesday, May 26, 2026	Voltage Regulation of 3-Phase Synchronous generators	3:00 PM 4:00PM	Monday, June 1, 2026	Zener Diode Part -2	5:30PM - 6:30PM			
Wednesday, May 27, 2026	Power flow,Synchronous condenser & important curves in synchronous machines in Synchronous Machines	3:00 PM 4:00PM	Tuesday, June 2, 2026	Tunnel diode, LED	5:30PM - 6:30PM			
Thursday, May 28, 2026	Parallel Operation of Synchronous Machines	3:00 PM 4:00PM	Wednesday, June 3, 2026	PhotoDiode, Shottcky Diode	5:30PM - 6:30PM			
Friday, May 29, 2026	Working of 3-Phase synchronous motors	3:00 PM 4:00PM	Thursday, June 4, 2026	BJT Part-1	5:30PM - 6:30PM			
Monday, June 1, 2026	Starting methods of synchronous motors, Synchronizing coefficient	3:00 PM 4:00PM	Friday, June 5, 2026	BJT Part-2	5:30PM - 6:30PM			
Tuesday, June 2, 2026	Testings in Synchronous Machines	3:00 PM 4:00PM	Monday, June 8, 2026	BJT Part-3	5:30PM - 6:30PM			
Ashish SIR : UEE			Tuesday, June 9, 2026	BJT Part-4	5:30PM - 6:30PM			
			Wednesday, June 10, 2026	BJT Part-5	5:30PM - 6:30PM			
			Thursday, June 11, 2026	BJT Part-6	5:30PM - 6:30PM			
Date	Topic	Timing	Friday, June 12, 2026	BJT Part-7	5:30PM - 6:30PM			
Wednesday, June 3, 2026	Type of Motor and Characteristics	3:00 PM 4:00PM	Monday, June 15, 2026	FeedBack Amplifier	5:30PM - 6:30PM			
Thursday, June 4, 2026	Type of loads	3:00 PM 4:00PM	Tuesday, June 16, 2026	Power amplifier	5:30PM - 6:30PM			
Friday, June 5, 2026	System of electric traction and track electrification	3:00 PM 4:00PM	Wednesday, June 17, 2026	FET introduction and working	5:30PM - 6:30PM			
Monday, June 8, 2026	Speed-time curves for different services	3:00 PM 4:00PM	Thursday, June 18, 2026	MCQs on FET	5:30PM - 6:30PM			
Tuesday, June 9, 2026	Calculation of various quantities of Electrical Traction	3:00 PM 4:00PM	Friday, June 19, 2026	MOSFET introduction and working	5:30PM - 6:30PM			
Wednesday, June 10, 2026	Methods of Electrical Heating	3:00 PM 4:00PM	Monday, June 22, 2026	Op-amp Part-1	5:30PM - 6:30PM			
Thursday, June 11, 2026	Methods of Electrical Welding	3:00 PM 4:00PM	Tuesday, June 23, 2026	Op-amp Part-2	5:30PM - 6:30PM			
Friday, June 12, 2026	Introduction and terms used in Illumination	3:00 PM 4:00PM	Wednesday, June 24, 2026	Op-amp Part-3	5:30PM - 6:30PM			
Monday, June 15, 2026	Discharge Lamps, MV and SV Lamps	3:00 PM 4:00PM	Thursday, June 25, 2026	Number system Part-1	5:30PM - 6:30PM			
Tuesday, June 16, 2026	Basic Principle of Light Control , Types and design of lightning and flood lighting	3:00 PM 4:00PM	Friday, June 26, 2026	Number system Part-2	5:30PM - 6:30PM			

Ashish SIR : Estimation & Costing			Date	Topic	Timing			
			Monday, June 29, 2026	Boolean algebra	5:30PM - 6:30PM			
			Tuesday, June 30, 2026	Logic Gates	5:30PM - 6:30PM			
			Wednesday, July 1, 2026	Basics of Power Electronics Part-1	5:30PM - 6:30PM			
Date	Topic	Timing	Thursday, July 2, 2026	Basics of Power Electronics Part-2	5:30PM - 6:30PM			
Wednesday, June 17, 2026	Estimation & Costing - 1	3:00 PM 4:00PM	Friday, July 3, 2026	SCR Part-1	5:30PM - 6:30PM			
Thursday, June 18, 2026	Estimation & Costing - 2	3:00 PM 4:00PM	Monday, July 6, 2026	SCR Part-2	5:30PM - 6:30PM			
Friday, June 19, 2026	Estimation & Costing - 3	3:00 PM 4:00PM	Tuesday, July 7, 2026	Types of Switches and their working Part-1	5:30PM - 6:30PM			
Monday, June 22, 2026	Estimation & Costing - 4	3:00 PM 4:00PM	Wednesday, July 8, 2026	Types of Switches and their working Part-2	5:30PM - 6:30PM			
Tuesday, June 23, 2026	Estimation & Costing - 5	3:00 PM 4:00PM	Thursday, July 9, 2026	Types of Switches and their working Part-3	5:30PM - 6:30PM			
Wednesday, June 24, 2026	Estimation & Costing - 6	3:00 PM 4:00PM	Friday, July 10, 2026	Miscellaneous	5:30PM - 6:30PM			
Thursday, June 25, 2026	Estimation & Costing - 7	3:00 PM 4:00PM	Ashish Sir : Control system					
Friday, June 26, 2026	Estimation & Costing - 8	3:00 PM 4:00PM						
Monday, June 29, 2026	Estimation & Costing - 9	3:00 PM 4:00PM						
Tuesday, June 30, 2026	Estimation & Costing - 10	3:00 PM 4:00PM	Date	Topic	Timing			
Ashish SIR : Electronic Devices			Monday, July 13, 2026	Basic of Control System	5:30PM - 6:30PM			
			Tuesday, July 14, 2026	Transfer Function Analysis of AC and DC servomotor	5:30PM - 6:30PM			
			Wednesday, July 15, 2026	Control system Representation	5:30PM - 6:30PM			
Date	Topic	Timing	Thursday, July 16, 2026	Time Response Analysis Part-1	5:30PM - 6:30PM			
Wednesday, July 1, 2026	Electronic Devices - 1	3:00 PM 4:00PM	Friday, July 17, 2026	Time Response Analysis Part-2	5:30PM - 6:30PM			
Thursday, July 2, 2026	Electronic Devices - 2	3:00 PM 4:00PM	Monday, July 20, 2026	Routh Hurwitz Criterion, Root Locus	5:30PM - 6:30PM			
Friday, July 3, 2026	Electronic Devices - 3	3:00 PM 4:00PM	Tuesday, July 21, 2026	Bode Plotting using semi log graph paper	5:30PM - 6:30PM			
Monday, July 6, 2026	Electronic Devices - 4	3:00 PM 4:00PM	Wednesday, July 22, 2026	Compensator	5:30PM - 6:30PM			

Tuesday, July 7, 2026	Electronic Devices - 5	3:00 PM 4:00PM	Thursday, July 23, 2026	Controller	5:30PM - 6:30PM			
Wednesday, July 8, 2026	Electronic Devices - 6	3:00 PM 4:00PM						
Thursday, July 9, 2026	Electronic Devices - 7	3:00 PM 4:00PM						
Friday, July 10, 2026	Electronic Devices - 8	3:00 PM 4:00PM						
Monday, July 13, 2026	Electronic Devices - 9	3:00 PM 4:00PM						
Tuesday, July 14, 2026	Electronic Devices - 10	3:00 PM 4:00PM						
Ashish Sir : Digital electronics								
Date	Topic	Timing						
Wednesday, July 15, 2026	Number system	3:00 PM 4:00PM						
Thursday, July 16, 2026	Code converter	3:00 PM 4:00PM						
Friday, July 17, 2026	Code converter	3:00 PM 4:00PM						
Monday, July 20, 2026	Code converter	3:00 PM 4:00PM						
Tuesday, July 21, 2026	Code converter	3:00 PM 4:00PM						
Wednesday, July 22, 2026	Karnaugh map	3:00 PM 4:00PM						
Thursday, July 23, 2026	CMOS implementations	3:00 PM 4:00PM						
Friday, July 24, 2026	Arithmetic Circuits	3:00 PM 4:00PM						
Monday, July 27, 2026	Multiplexers	3:00 PM 4:00PM						
Tuesday, July 28, 2026	Encoder & Decoders	3:00 PM 4:00PM						
Wednesday, July 29, 2026	Sequential circuits	3:00 PM 4:00PM						
Thursday, July 30, 2026	Sequential circuits	3:00 PM 4:00PM						
Friday, July 31, 2026	Data converters	3:00 PM 4:00PM						
Monday, August 3, 2026	Data converters	3:00 PM 4:00PM						
Tuesday, August 4, 2026	Data converters	3:00 PM 4:00PM						