

STUDY PLAN

Ashish SIR : Electrical Machine			Ashish Sir - Power Electronics		
Date	Topic	Timing	Date	Topic	Timing
Tuesday, July 7, 2026	Electrical Machine-1	5:30PM-7.00PM	Tuesday, July 7, 2026	Power Electronics-1	3:30PM - 4:30PM
Wednesday, July 8, 2026	Electrical Machine-2	5:30PM-7.00PM	Wednesday, July 8, 2026	Power Electronics-2	3:30PM - 4:30PM
Thursday, July 9, 2026	Electrical Machine-3	5:30PM-7.00PM	Thursday, July 9, 2026	Power Electronics-3	3:30PM - 4:30PM
Friday, July 10, 2026	Electrical Machine-4	5:30PM-7.00PM	Friday, July 10, 2026	Power Electronics-4	3:30PM - 4:30PM
Monday, July 13, 2026	Electrical Machine-5	5:30PM-7.00PM	Monday, July 13, 2026	Power Electronics-5	3:30PM - 4:30PM
Tuesday, July 14, 2026	Electrical Machine-6	5:30PM-7.00PM	Tuesday, July 14, 2026	Power Electronics-6	3:30PM - 4:30PM
Wednesday, July 15, 2026	Electrical Machine-7	5:30PM-7.00PM	Wednesday, July 15, 2026	Power Electronics-7	3:30PM - 4:30PM
Thursday, July 16, 2026	Electrical Machine-8	5:30PM-7.00PM	Thursday, July 16, 2026	Power Electronics-8	3:30PM - 4:30PM
Friday, July 17, 2026	Electrical Machine-9	5:30PM-7.00PM	Friday, July 17, 2026	Power Electronics-9	3:30PM - 4:30PM
Monday, July 20, 2026	Electrical Machine-10	5:30PM-7.00PM	Monday, July 20, 2026	Power Electronics-10	3:30PM - 4:30PM
Tuesday, July 21, 2026	Electrical Machine-11	5:30PM-7.00PM	Tuesday, July 21, 2026	Power Electronics-11	3:30PM - 4:30PM
Wednesday, July 22, 2026	Electrical Machine-12	5:30PM-7.00PM	Wednesday, July 22, 2026	Power Electronics-12	3:30PM - 4:30PM
Thursday, July 23, 2026	Electrical Machine-13	5:30PM-7.00PM	Thursday, July 23, 2026	Power Electronics-13	3:30PM - 4:30PM
Friday, July 24, 2026	Electrical Machine-14	5:30PM-7.00PM	Friday, July 24, 2026	Power Electronics-14	3:30PM - 4:30PM
Monday, July 27, 2026	Electrical Machine-15	5:30PM-7.00PM	Monday, July 27, 2026	Power Electronics-15	3:30PM - 4:30PM
Ashish Sir : Measurement and instrumentation			Tuesday, July 28, 2026	Power Electronics-16	3:30PM - 4:30PM
Date	Topic	Timing	Wednesday, July 29, 2026	Power Electronics-17	3:30PM - 4:30PM
Tuesday, July 28, 2026	Introduction to Electrical & Electronics Engineering Measurements	5:30PM-7.00PM	Thursday, July 30, 2026	Power Electronics-18	3:30PM - 4:30PM
Wednesday, July 29, 2026	Error Analysis Part-1	5:30PM-7.00PM	Friday, July 31, 2026	Power Electronics-19	3:30PM - 4:30PM

Thursday, July 30, 2026	Error Analysis Part-2	5:30PM-7.00PM	Monday, August 3, 2026	Power Electronics-20	3:30PM - 4:30PM
Friday, July 31, 2026	Types of Dampings and torques	5:30PM-7.00PM	Tuesday, August 4, 2026	Power Electronics-21	3:30PM - 4:30PM
Monday, August 3, 2026	PMMC	5:30PM-7.00PM	Wednesday, August 5, 2026	Power Electronics-22	3:30PM - 4:30PM
Tuesday, August 4, 2026	Rectifier type instruments	5:30PM-7.00PM	Thursday, August 6, 2026	Power Electronics-23	3:30PM - 4:30PM
Wednesday, August 5, 2026	Moving iron type instruments -1	5:30PM-7.00PM	Friday, August 7, 2026	Power Electronics-24	3:30PM - 4:30PM
Thursday, August 6, 2026	Moving iron type instruments -2	5:30PM-7.00PM	Monday, August 10, 2026	Power Electronics-25	3:30PM - 4:30PM
Friday, August 7, 2026		5:30PM-7.00PM	Tuesday, August 11, 2026	Power Electronics-26	3:30PM - 4:30PM
Monday, August 10, 2026	Power factor meter, flux meter, Frequency meter	5:30PM-7.00PM	Wednesday, August 12, 2026	Power Electronics-27	3:30PM - 4:30PM
Tuesday, August 11, 2026	Measurement of Power-1	5:30PM-7.00PM	Thursday, August 13, 2026	Power Electronics-28	3:30PM - 4:30PM
Wednesday, August 12, 2026	Measurement of Power-2	5:30PM-7.00PM	Ashish Sir : Power Systems		
Thursday, August 13, 2026	Energy meter -1	5:30PM-7.00PM	Date	Topic	Timing
Friday, August 14, 2026	Energy meter -2	5:30PM-7.00PM	Friday, August 14, 2026	Introduction to Power Systems	3:30PM-4.30PM
Monday, August 17, 2026	Instrument transformers Part-1	5:30PM-7.00PM	Monday, August 17, 2026	Generation (Thermal Power plant, Hydro Power Plant)	3:30PM-4.30PM
Tuesday, August 18, 2026	Instrument transformers Part-2	5:30PM-7.00PM	Tuesday, August 18, 2026	Generation (Nuclear Power Plant), Renewable & Non renewable power plant	3:30PM-4.30PM
Wednesday, August 19, 2026	CRO - 1	5:30PM-7.00PM	Wednesday, August 19, 2026	Economic Load factors (Load factor, capacity factor etc.)	3:30PM-4.30PM
Thursday, August 20, 2026	CRO - 2	5:30PM-7.00PM	Thursday, August 20, 2026	Per unit method Part-1	3:30PM-4.30PM
Friday, August 21, 2026	AC bridges 1	5:30PM-7.00PM	Friday, August 21, 2026	Per unit method Part-2	3:30PM-4.30PM
Monday, August 24, 2026	AC bridges 2	5:30PM-7.00PM	Monday, August 24, 2026	Question practice Session	3:30PM-4.30PM
Ashish SIR : Electronic Devices			Tuesday, August 25, 2026	Power factor improvement Part-1	3:30PM-4.30PM
			Wednesday, August 26, 2026	Power factor improvement Part-2	3:30PM-4.30PM
			Thursday, August 27, 2026	Power factor improvement Part-3	3:30PM-4.30PM
Date	Topic	Timing	Friday, August 28, 2026	Power factor improvement Part - 4	3:30PM-4.30PM
Tuesday, August 25, 2026	Electronic Devices - 1	5:30PM-7.00PM	Monday, August 31, 2026	Question practice Session	3:30PM-4.30PM

Wednesday, August 26, 2026	Electronic Devices - 2	5:30PM-7.00PM	Tuesday, September 1, 2026	Transmission line parameters Part-1	3:30PM-4.30PM
Thursday, August 27, 2026	Electronic Devices - 3	5:30PM-7.00PM	Wednesday, September 2, 2026	Transmission line parameters Part-2	3:30PM-4.30PM
Friday, August 28, 2026	Electronic Devices - 4	5:30PM-7.00PM	Thursday, September 3, 2026	Transmission line parameters Part-3	3:30PM-4.30PM
Monday, August 31, 2026	Electronic Devices - 5	5:30PM-7.00PM	Friday, September 4, 2026	Short circuit of fault analysis Part -1	3:30PM-4.30PM
Tuesday, September 1, 2026	Electronic Devices - 6	5:30PM-7.00PM	Monday, September 7, 2026	Short circuit of fault analysis Part -2	3:30PM-4.30PM
Wednesday, September 2, 2026	Electronic Devices - 7	5:30PM-7.00PM	Tuesday, September 8, 2026	Question practice Session	3:30PM-4.30PM
Thursday, September 3, 2026	Electronic Devices - 8	5:30PM-7.00PM	Wednesday, September 9, 2026	Short circuit of fault analysis Part -3	3:30PM-4.30PM
Friday, September 4, 2026	Electronic Devices - 9	5:30PM-7.00PM	Thursday, September 10, 2026	Power system stability Part - 1	3:30PM-4.30PM
Monday, September 7, 2026	Electronic Devices - 10	5:30PM-7.00PM	Friday, September 11, 2026	Power system stability Part - 2	3:30PM-4.30PM
Ashish SIR : Estimation & Costing			Monday, September 14, 2026	Switchgear and protection Part-1	3:30PM-4.30PM
			Tuesday, September 15, 2026	Switchgear and protection Part-2	3:30PM-4.30PM
			Wednesday, September 16, 2026	Switchgear and protection Part-3	3:30PM-4.30PM
Date	Topic	Timing	Thursday, September 17, 2026	Switchgear and protection Part-4	3:30PM-4.30PM
Tuesday, September 8, 2026	Estimation & Costing - 1	5:30PM-7.00PM	Friday, September 18, 2026	Switchgear and protection Part-5	3:30PM-4.30PM
Wednesday, September 9, 2026	Estimation & Costing - 2	5:30PM-7.00PM	Monday, September 21, 2026	Question practice Session	3:30PM-4.30PM
Thursday, September 10, 2026	Estimation & Costing - 3	5:30PM-7.00PM	Tuesday, September 22, 2026	Cables, insulators Part -1	3:30PM-4.30PM
Friday, September 11, 2026	Estimation & Costing - 4	5:30PM-7.00PM	Wednesday, September 23, 2026	Cables, insulators Part -2	3:30PM-4.30PM
Monday, September 14, 2026	Estimation & Costing - 5	5:30PM-7.00PM	Thursday, September 24, 2026	Circuit Breakers Part -1	3:30PM-4.30PM
Tuesday, September 15, 2026	Estimation & Costing - 6	5:30PM-7.00PM	Friday, September 25, 2026	Circuit Breakers Part -2	3:30PM-4.30PM
Wednesday, September 16, 2026	Estimation & Costing - 7	5:30PM-7.00PM	Monday, September 28, 2026	Question practice Session	3:30PM-4.30PM
Thursday, September 17, 2026	Estimation & Costing - 8	5:30PM-7.00PM	Ashish Sir - Network Theory		
Friday, September 18, 2026	Estimation & Costing - 9	5:30PM-7.00PM	Date	Topic	Timing
Monday, September 21, 2026	Estimation & Costing - 10	5:30PM-7.00PM		Parallel Resonance	Recording-1

Ashish SIR: Basic Electronics					
Date	Topic	Timing			
Recordings will be added on 07th july	Introduction to Basic Electronics	Recordings-1	Recordings will be added on 07th july	Performance Parameters of Series and Parallel Resonance	Recording-2
	Basics of Semiconductor Materials Part-1	Recordings-2		Average & RMS values of difference waveforms	Recording-3
	Basics of Semiconductor Materials Part-2	Recordings-3		Two Port Networks & Graph Theory	Recording-4
	Semiconductor Physics Part-1	Recordings-4		Graph Theory and Questions	Recording-5
	Semiconductor Physics Part-2	Recordings-5		Poly phase Network	Recording-6
	PN Junction Diode Part-1	Recordings-6		Poly phase Network	Recording-7
	PN Junction Diode Part-2	Recordings-7		Power Triangle, impedance Triangle, charging and discharging of Inductor and Capacitor	Recording-8
	Zener Diode Part -1	Recordings-8		Electric Potential	Recording-9
	Zener Diode Part -2	Recordings-9		Ohms law, Concept of Resistance	Recording-10
	Tunnel diode, LED	Recordings-10		Types Of Circuit Elements	Recording-11
	PhotoDiode, Shottcky Diode	Recordings-11		Concept of Inductor	Recording-12
	BJT Part-1	Recordings-12		Concept of Capacitance & Laplace transforms	Recording-13
	BJT Part-2	Recordings-13		Some Functions & Their Laplace Transforms	Recording-14
	BJT Part-3	Recordings-14		Resistance in Series and Parallel & Star Delta conversion	Recording-15
	BJT Part-4	Recordings-15		Capacitance in Series and Parallel	Recording-16
	BJT Part-5	Recordings-16		KVL and KCL	Recording-17
	BJT Part-6	Recordings-17		Question Practice Session	Recording-18
	BJT Part-7	Recordings-18		Questions Practice Session	Recording-19
	FeedBack Amplifier	Recordings-19		Network Theorem	Recording-20
	Power amplifier	Recordings-20		(Superposition Theorem)	Recording-21
	FET introduction and working	Recordings-21		Thevenin's, Nortons Theorem	Recording-22
				Maximum Power Transfer Theorem	Recording-23
				Tellegen's, Milliman's & Reciprocity Theorem	Recording-24

Number system Part-1	Recordings-27		
Number system Part-2	Recordings-28		
Boolean algebra	Recordings-29		
Logic Gates	Recordings-30		
Basics of Power Electronics Part-1	Recordings-31		
Basics of Power Electronics Part-2	Recordings-32		
SCR Part-1	Recordings-33		
SCR Part-2	Recordings-34		
Triacs and their working Part-1	Recordings-35		
Triacs and their working Part-2	Recordings-36		
Triacs and their working Part-3	Recordings-37		
Miscellaneous	Recordings-38		

	System of electric traction and track electrification	Recording-3			
	Speed-time curves for different services	Recording-4			
	Calculation of various quantities of Electrical Traction	Recording-5			
	Methods of Electrical Heating	Recording-6			
	Methods of Electrical Welding	Recording-7			
	Introduction and terms used in Illumination	Recording-8			
	Discharge Lamps, MV and SV Lamps	Recording-9			
	Basic Principle of Light Control , Types and design of lightning and flood lighting	Recording-10			

