

STUDY PLAN

Ashish SIR: Basic Electronics			Ashish Sir : Power Systems		
Date	Topic	Timing	Date	Topic	Timing
Monday, August 10, 2026	Orientation	3:30PM - 4:30PM	Thursday, August 27, 2026	Introduction to Power Systems	5:30PM-7.00PM
Tuesday, August 18, 2026	Introduction to Basic Electronic	3:30PM - 4:30PM	Friday, August 28, 2026	Generation (Thermal Power plant, Hydro Power Plant)	5:30PM-7.00PM
Wednesday, August 19, 2026	Basics of Semiconductor Materials Part-1	3:30PM - 4:30PM	Monday, August 31, 2026	Generation (Nuclear Power Plant), Renewable & Non renewable power plant	5:30PM-7.00PM
Thursday, August 20, 2026	Basics of Semiconductor Materials Part-2	3:30PM - 4:30PM	Tuesday, September 1, 2026	Economic Load factors (Load factor, capacity factor etc.)	5:30PM-7.00PM
Friday, August 21, 2026	Semiconductor Physics Part-1	3:30PM - 4:30PM	Wednesday, September 2, 2026	Per unit method Part-1	5:30PM-7.00PM
Monday, August 24, 2026	Semiconductor Physics Part-2	3:30PM - 4:30PM	Thursday, September 3, 2026	Per unit method Part-2	5:30PM-7.00PM
Tuesday, August 25, 2026	PN Junction Diode Part-1	3:30PM - 4:30PM	Friday, September 4, 2026	Question practice Session	5:30PM-7.00PM
Wednesday, August 26, 2026	PN Junction Diode Part-2	3:30PM - 4:30PM	Monday, September 7, 2026	Power factor improvement Part-1	5:30PM-7.00PM
Thursday, August 27, 2026	Zener Diode Part -1	3:30PM - 4:30PM	Tuesday, September 8, 2026	Power factor improvement Part-2	5:30PM-7.00PM
Friday, August 28, 2026	Zener Diode Part -2	3:30PM - 4:30PM	Wednesday, September 9, 2026	Power factor improvement Part-3	5:30PM-7.00PM
Monday, August 31, 2026	Tunnel diode, LED	3:30PM - 4:30PM	Thursday, September 10, 2026	Power factor improvement Part - 4	5:30PM-7.00PM
Tuesday, September 1, 2026	PhotoDiode, Shottcky Diode	3:30PM - 4:30PM	Friday, September 11, 2026	Question practice Session	5:30PM-7.00PM
Wednesday, September 2, 2026	BJT Part-1	3:30PM - 4:30PM	Monday, September 14, 2026	Transmission line parameters Part-1	5:30PM-7.00PM
Thursday, September 3, 2026	BJT Part-2	3:30PM - 4:30PM	Tuesday, September 15, 2026	Transmission line parameters Part-2	5:30PM-7.00PM
Friday, September 4, 2026	BJT Part-3	3:30PM - 4:30PM	Wednesday, September 16, 2026	Transmission line parameters Part-3	5:30PM-7.00PM
Monday, September 7, 2026	BJT Part-4	3:30PM - 4:30PM	Thursday, September 17, 2026	Short circuit of fault analysis Part - 1	5:30PM-7.00PM
Tuesday, September 8, 2026	BJT Part-5	3:30PM - 4:30PM	Friday, September 18, 2026	Short circuit of fault analysis Part - 2	5:30PM-7.00PM
Wednesday, September 9, 2026	BJT Part-6	3:30PM - 4:30PM	Monday, September 21, 2026	Question practice Session	5:30PM-7.00PM

Thursday, September 10, 2026	BJT Part-7	3:30PM - 4:30PM	Tuesday, September 22, 2026	Short circuit of fault analysis Part -3	5:30PM-7.00PM
Friday, September 11, 2026	FeedBack Amplifier	3:30PM - 4:30PM	Wednesday, September 23, 2026	Power system stability Part - 1	5:30PM-7.00PM
Monday, September 14, 2026	Power amplifier	3:30PM - 4:30PM	Thursday, September 24, 2026	Power system stability Part - 2	5:30PM-7.00PM
Tuesday, September 15, 2026	FET introduction and working	3:30PM - 4:30PM	Friday, September 25, 2026	Switchgear and protection Part-1	5:30PM-7.00PM
Wednesday, September 16, 2026	MCQs on FET	3:30PM - 4:30PM	Monday, September 28, 2026	Switchgear and protection Part-2	5:30PM-7.00PM
Thursday, September 17, 2026	MOSFET introduction and working	3:30PM - 4:30PM	Tuesday, September 29, 2026	Switchgear and protection Part-3	5:30PM-7.00PM
Friday, September 18, 2026	Op-amp Part-1	3:30PM - 4:30PM	Wednesday, September 30, 2026	Switchgear and protection Part-4	5:30PM-7.00PM
Monday, September 21, 2026	Op-amp Part-2	3:30PM - 4:30PM	Thursday, October 1, 2026	Switchgear and protection Part-5	5:30PM-7.00PM
Tuesday, September 22, 2026	Op-amp Part-3	3:30PM - 4:30PM	Monday, October 5, 2026	Question practice Session	5:30PM-7.00PM
Wednesday, September 23, 2026	Number system Part-1	3:30PM - 4:30PM	Tuesday, October 6, 2026	Cables, insulators Part -1	5:30PM-7.00PM
Thursday, September 24, 2026	Number system Part-2	3:30PM - 4:30PM	Wednesday, October 7, 2026	Cables, insulators Part -2	5:30PM-7.00PM
Friday, September 25, 2026	Boolean algebra	3:30PM - 4:30PM	Thursday, October 8, 2026	Circuit Breakers Part -1	5:30PM-7.00PM
Monday, September 28, 2026	Logic Gates	3:30PM - 4:30PM	Friday, October 9, 2026	Circuit Breakers Part -2	5:30PM-7.00PM
Tuesday, September 29, 2026	Basics of Power Electronics Part-1	3:30PM - 4:30PM	Monday, October 12, 2026	Question practice Session	5:30PM-7.00PM
Wednesday, September 30, 2026	Basics of Power Electronics Part-2	3:30PM - 4:30PM	Ashish Sir : Network Theory		
Thursday, October 1, 2026	SCR Part-1	3:30PM - 4:30PM	Date	Topic	Timing
Monday, October 5, 2026	SCR Part-2	3:30PM - 4:30PM	Tuesday, October 13, 2026	Parallel Resonance	5:30PM-7.00PM
Tuesday, October 6, 2026	Types of Switches and their working Part-1	3:30PM - 4:30PM	Wednesday, October 14, 2026	Performance Parameters of Series and Parallel Resonance	5:30PM-7.00PM
Wednesday, October 7, 2026	Types of Switches and their working Part-2	3:30PM - 4:30PM	Thursday, October 15, 2026	Average & RMS values of difference waveforms	5:30PM-7.00PM
Thursday, October 8, 2026	Types of Switches and their working Part-3	3:30PM - 4:30PM	Friday, October 16, 2026	Two Port Networks & Graph Theory	5:30PM-7.00PM
Friday, October 9, 2026	Miscellaneous	3:30PM - 4:30PM	Monday, October 19, 2026	Graph Theory and Questions	5:30PM-7.00PM

Ashish SIR : Estimation & Costing			Tuesday, October 20, 2026	Poly phase Network	5:30PM-7.00PM
			Wednesday, October 21, 2026	Poly phase Network	5:30PM-7.00PM
			Thursday, October 22, 2026	Power Triangle, impedance Triangle, charging and discharging of Inductor and Capacitor	5:30PM-7.00PM
Date	Topic	Timing	Friday, October 23, 2026	Electric Potential	5:30PM-7.00PM
Monday, October 12, 2026	Estimation & Costing - 1	3:30PM - 4:30PM	Monday, October 26, 2026	Ohms law, Concept of Resistance	5:30PM-7.00PM
Tuesday, October 13, 2026	Estimation & Costing - 2	3:30PM - 4:30PM	Tuesday, October 27, 2026	Types Of Circuit Elements	5:30PM-7.00PM
Wednesday, October 14, 2026	Estimation & Costing - 3	3:30PM - 4:30PM	Wednesday, October 28, 2026	Concept of Inductor	5:30PM-7.00PM
Thursday, October 15, 2026	Estimation & Costing - 4	3:30PM - 4:30PM	Thursday, October 29, 2026	Concept of Capacitance & Laplace transforms	5:30PM-7.00PM
Friday, October 16, 2026	Estimation & Costing - 5	3:30PM - 4:30PM	Friday, October 30, 2026	Some Functions & Their Laplace Transforms	5:30PM-7.00PM
Monday, October 19, 2026	Estimation & Costing - 6	3:30PM - 4:30PM	Monday, November 2, 2026	Resistance in Series and Parallel & Star Delta conversion	5:30PM-7.00PM
Tuesday, October 20, 2026	Estimation & Costing - 7	3:30PM - 4:30PM	Tuesday, November 3, 2026	Capacitance in Series and Parallel	5:30PM-7.00PM
Wednesday, October 21, 2026	Estimation & Costing - 8	3:30PM - 4:30PM	Wednesday, November 4, 2026	KVL and KCL	5:30PM-7.00PM
Thursday, October 22, 2026	Estimation & Costing - 9	3:30PM - 4:30PM	Thursday, November 5, 2026	Question Practice Session	5:30PM-7.00PM
Friday, October 23, 2026	Estimation & Costing - 10	3:30PM - 4:30PM	Friday, November 6, 2026	Questions Practice Session	5:30PM-7.00PM
			Monday, November 9, 2026	Network Theorem	5:30PM-7.00PM
			Tuesday, November 10, 2026	(Superposition Theorem)	5:30PM-7.00PM
			Wednesday, November 11, 2026	Thevenin's, Nortons Theorem	5:30PM-7.00PM
			Thursday, November 12, 2026	Maximum Power Transfer Theorem	5:30PM-7.00PM
			Friday, November 13, 2026	Tellegen's, Milliman's & Reciprocity Theorem	5:30PM-7.00PM
			Monday, November 16, 2026	AC Fundamentals	5:30PM-7.00PM
			Tuesday, November 17, 2026	Series Resonance	5:30PM-7.00PM