

STUDY PLAN

Ashish Sir : Basic Electrical/Network Theory			Ashish Sir : Basic Electronics		
Date	Title	Timing	Date	Title	Timing
Thursday, August 20, 2026	Basic Electrical-1	5.30PM-7PM	Tuesday, August 25, 2026	Orientation	3:30PM - 4:30PM
Friday, August 21, 2026	Basic Electrical-2	5.30PM-7PM	Wednesday, August 26, 2026	Introduction to Basic Electronic	3:30PM - 4:30PM
Monday, August 24, 2026	Basic Electrical-3	5.30PM-7PM	Thursday, August 27, 2026	Basics of Semiconductor Materials Part-1	3:30PM - 4:30PM
Tuesday, August 25, 2026	Basic Electrical-4	5.30PM-7PM	Friday, August 28, 2026	Basics of Semiconductor Materials Part-2	3:30PM - 4:30PM
Wednesday, August 26, 2026	Basic Electrical-5	5.30PM-7PM	Monday, August 31, 2026	Semiconductor Physics Part-1	3:30PM - 4:30PM
Thursday, August 27, 2026	Basic Electrical-6	5.30PM-7PM	Tuesday, September 1, 2026	Semiconductor Physics Part-2	3:30PM - 4:30PM
Friday, August 28, 2026	Basic Electrical-7	5.30PM-7PM	Wednesday, September 2, 2026	PN Junction Diode Part-1	3:30PM - 4:30PM
Monday, August 31, 2026	Basic Electrical-8	5.30PM-7PM	Thursday, September 3, 2026	PN Junction Diode Part-2	3:30PM - 4:30PM
Tuesday, September 1, 2026	Basic Electrical-9	5.30PM-7PM	Friday, September 4, 2026	Zener Diode Part -1	3:30PM - 4:30PM
Wednesday, September 2, 2026	Basic Electrical-10	5.30PM-7PM	Monday, September 7, 2026	Zener Diode Part -2	3:30PM - 4:30PM
Thursday, September 3, 2026	Basic Electrical-11	5.30PM-7PM	Tuesday, September 8, 2026	Tunnel diode, LED	3:30PM - 4:30PM
Friday, September 4, 2026	Basic Electrical-12	5.30PM-7PM	Wednesday, September 9, 2026	PhotoDiode, Shottcky Diode	3:30PM - 4:30PM
Monday, September 7, 2026	Basic Electrical-13	5.30PM-7PM	Thursday, September 10, 2026	BJT Part-1	3:30PM - 4:30PM
Tuesday, September 8, 2026	Basic Electrical-14	5.30PM-7PM	Friday, September 11, 2026	BJT Part-2	3:30PM - 4:30PM
Wednesday, September 9, 2026	Basic Electrical-15	5.30PM-7PM	Monday, September 14, 2026	BJT Part-3	3:30PM - 4:30PM
Thursday, September 10, 2026	Basic Electrical-16	5.30PM-7PM	Tuesday, September 15, 2026	BJT Part-4	3:30PM - 4:30PM
Friday, September 11, 2026	Basic Electrical-17	5.30PM-7PM	Wednesday, September 16, 2026	BJT Part-5	3:30PM - 4:30PM
Monday, September 14, 2026	Basic Electrical-18	5.30PM-7PM	Thursday, September 17, 2026	BJT Part-6	3:30PM - 4:30PM

Tuesday, September 15, 2026	Basic Electrical-19	5.30PM-7PM	Friday, September 18, 2026	BJT Part-7	3:30PM - 4:30PM
Wednesday, September 16, 2026	Basic Electrical-20	5.30PM-7PM	Monday, September 21, 2026	FeedBack Amplifier	3:30PM - 4:30PM
Thursday, September 17, 2026	Basic Electrical-21	5.30PM-7PM	Tuesday, September 22, 2026	Power amplifier	3:30PM - 4:30PM
Friday, September 18, 2026	Basic Electrical-22	5.30PM-7PM	Wednesday, September 23, 2026	FET introduction and working	3:30PM - 4:30PM
Monday, September 21, 2026	Basic Electrical-23	5.30PM-7PM	Thursday, September 24, 2026	MCQs on FET	3:30PM - 4:30PM
Tuesday, September 22, 2026	Basic Electrical-24	5.30PM-7PM	Friday, September 25, 2026	MOSFET introduction and working	3:30PM - 4:30PM
Wednesday, September 23, 2026	Basic Electrical-25	5.30PM-7PM	Monday, September 28, 2026	Op-amp Part-1	3:30PM - 4:30PM
Thursday, September 24, 2026	Basic Electrical-26	5.30PM-7PM	Tuesday, September 29, 2026	Op-amp Part-2	3:30PM - 4:30PM
Friday, September 25, 2026	Basic Electrical-27	5.30PM-7PM	Wednesday, September 30, 2026	Op-amp Part-3	3:30PM - 4:30PM
Monday, September 28, 2026	Basic Electrical-28	5.30PM-7PM	Thursday, October 1, 2026	Number system Part-1	3:30PM - 4:30PM
Tuesday, September 29, 2026	Basic Electrical-29	5.30PM-7PM	Monday, October 5, 2026	Number system Part-2	3:30PM - 4:30PM
Wednesday, September 30, 2026	Basic Electrical-30	5.30PM-7PM	Tuesday, October 6, 2026	Boolean algebra	3:30PM - 4:30PM
Thursday, October 1, 2026	Basic Electrical-31	5.30PM-7PM	Wednesday, October 7, 2026	Logic Gates	3:30PM - 4:30PM
Monday, October 5, 2026	Basic Electrical-32	5.30PM-7PM	Thursday, October 8, 2026	Basics of Power Electronics Part-1	3:30PM - 4:30PM
Tuesday, October 6, 2026	Basic Electrical-33	5.30PM-7PM	Friday, October 9, 2026	Basics of Power Electronics Part-2	3:30PM - 4:30PM
Wednesday, October 7, 2026	Basic Electrical-34	5.30PM-7PM	Monday, October 12, 2026	SCR Part-1	3:30PM - 4:30PM
Thursday, October 8, 2026	Basic Electrical-35	5.30PM-7PM	Tuesday, October 13, 2026	SCR Part-2	3:30PM - 4:30PM
Friday, October 9, 2026	Basic Electrical-36	5.30PM-7PM	Wednesday, October 14, 2026	Types of Switches and their working Part-1	3:30PM - 4:30PM
Monday, October 12, 2026	Basic Electrical-37	5.30PM-7PM	Thursday, October 15, 2026	Types of Switches and their working Part-2	3:30PM - 4:30PM
Tuesday, October 13, 2026	Basic Electrical-38	5.30PM-7PM	Friday, October 16, 2026	Types of Switches and their working Part-3	3:30PM - 4:30PM
Wednesday, October 14, 2026	Basic Electrical-39	5.30PM-7PM	Monday, October 19, 2026	Miscellaneous	3:30PM - 4:30PM
Thursday, October 15, 2026	Basic Electrical-40	5.30PM-7PM	Ashish Sir : UEE		

Ashish Sir : Power Systems			Date	Title	Timing
Date	Topic	Timing			
			Tuesday, October 20, 2026	Type of Motor and Characteristics	3:30PM - 4:30PM
Friday, October 16, 2026	Introduction to Power Systems	5.30PM-7PM	Wednesday, October 21, 2026	Type of loads	3:30PM - 4:30PM
Monday, October 19, 2026	Generation (Thermal Power plant, Hydro Power Plant)	5.30PM-7PM	Thursday, October 22, 2026	System of electric traction and track electrification	3:30PM - 4:30PM
Tuesday, October 20, 2026	Generation (Nuclear Power Plant), Renewable & Non renewable power plant	5.30PM-7PM	Friday, October 23, 2026	Speed-time curves for different services	3:30PM - 4:30PM
Wednesday, October 21, 2026	Economic Load factors (Load factor, capacity factor etc.)	5.30PM-7PM	Monday, October 26, 2026	Calculation of various quantities of Electrical Traction	3:30PM - 4:30PM
Thursday, October 22, 2026	Per unit method Part-1	5.30PM-7PM	Tuesday, October 27, 2026	Methods of Electrical Heating	3:30PM - 4:30PM
Friday, October 23, 2026	Per unit method Part-2	5.30PM-7PM	Wednesday, October 28, 2026	Methods of Electrical Welding	3:30PM - 4:30PM
Monday, October 26, 2026	Question practice Session	5.30PM-7PM	Thursday, October 29, 2026	Introduction and terms used in Illumination	3:30PM - 4:30PM
Tuesday, October 27, 2026	Power factor improvement Part-1	5.30PM-7PM	Friday, October 30, 2026	Discharge Lamps, MV and SV Lamps	3:30PM - 4:30PM
Wednesday, October 28, 2026	Power factor improvement Part-2	5.30PM-7PM	Monday, November 2, 2026	Basic Principle of Light Control , Types and design of lightning and flood lighting	3:30PM - 4:30PM
Thursday, October 29, 2026	Power factor improvement Part-3	5.30PM-7PM			
Friday, October 30, 2026	Power factor improvement Part - 4	5.30PM-7PM			
Monday, November 2, 2026	Question practice Session	5.30PM-7PM			
Tuesday, November 3, 2026	Transmission line parameters Part-1	5.30PM-7PM			
Wednesday, November 4, 2026	Transmission line parameters Part-2	5.30PM-7PM			
Thursday, November 5, 2026	Transmission line parameters Part-3	5.30PM-7PM			
Friday, November 6, 2026	Short circuit of fault analysis Part - 1	5.30PM-7PM			
Monday, November 9, 2026	Short circuit of fault analysis Part - 2	5.30PM-7PM			
Tuesday, November 10, 2026	Question practice Session	5.30PM-7PM			
Wednesday, November 11, 2026	Short circuit of fault analysis Part - 3	5.30PM-7PM			

Thursday, November 12, 2026	Power system stability Part - 1	5.30PM-7PM			
Friday, November 13, 2026	Power system stability Part - 2	5.30PM-7PM			
Monday, November 16, 2026	Switchgear and protection Part-1	5.30PM-7PM			
Tuesday, November 17, 2026	Switchgear and protection Part-2	5.30PM-7PM			
Wednesday, November 18, 2026	Switchgear and protection Part-3	5.30PM-7PM			
Thursday, November 19, 2026	Switchgear and protection Part-4	5.30PM-7PM			
Friday, November 20, 2026	Switchgear and protection Part-5	5.30PM-7PM			
Monday, November 23, 2026	Question practice Session	5.30PM-7PM			
Tuesday, November 24, 2026	Cables, insulators Part -1	5.30PM-7PM			
Wednesday, November 25, 2026	Cables, insulators Part -2	5.30PM-7PM			
Thursday, November 26, 2026	Circuit Breakers Part -1	5.30PM-7PM			
Friday, November 27, 2026	Circuit Breakers Part -2	5.30PM-7PM			
Monday, November 30, 2026	Question practice Session	5.30PM-7PM			