

Study Plan

Ashish Sir : Power Systems		
Date	Topic	Timing
Monday, March 9, 2026	Introduction to Power Systems	5:30PM - 6:30PM
Tuesday, March 10, 2026	Generation (Thermal Power plant, Hydro Power Plant)	5:30PM - 6:30PM
Wednesday, March 11, 2026	Generation (Nuclear Power Plant), Renewable & Non renewable power plant	5:30PM - 6:30PM
Thursday, March 12, 2026	Economic Load factors (Load factor, capacity factor etc.)	5:30PM - 6:30PM
Friday, March 13, 2026	Per unit method Part-1	5:30PM - 6:30PM
Monday, March 16, 2026	Per unit method Part-2	5:30PM - 6:30PM
Tuesday, March 17, 2026	Question practice Session	5:30PM - 6:30PM
Wednesday, March 18, 2026	Power factor improvement Part-1	5:30PM - 6:30PM
Thursday, March 19, 2026	Power factor improvement Part-2	5:30PM - 6:30PM
Friday, March 20, 2026	Power factor improvement Part-3	5:30PM - 6:30PM
Monday, March 23, 2026	Power factor improvement Part - 4	5:30PM - 6:30PM
Tuesday, March 24, 2026	Question practice Session	5:30PM - 6:30PM
Wednesday, March 25, 2026	Transmission line parameters Part-1	5:30PM - 6:30PM
Thursday, March 26, 2026	Transmission line parameters Part-2	5:30PM - 6:30PM
Friday, March 27, 2026	Transmission line parameters Part-3	5:30PM - 6:30PM
Monday, March 30, 2026	Short circuit of fault analysis Part - 1	5:30PM - 6:30PM
Tuesday, March 31, 2026	Short circuit of fault analysis Part - 2	5:30PM - 6:30PM
Wednesday, April 1, 2026	Question practice Session	5:30PM - 6:30PM
Thursday, April 2, 2026	Short circuit of fault analysis Part - 3	5:30PM - 6:30PM
Friday, April 3, 2026	Power system stability Part - 1	5:30PM - 6:30PM
Monday, April 6, 2026	Power system stability Part - 2	5:30PM - 6:30PM
Tuesday, April 7, 2026	Switchgear and protection Part-1	5:30PM - 6:30PM
Wednesday, April 8, 2026	Switchgear and protection Part-2	5:30PM - 6:30PM
Thursday, April 9, 2026	Switchgear and protection Part-3	5:30PM - 6:30PM
Friday, April 10, 2026	Switchgear and protection Part-4	5:30PM - 6:30PM
Monday, April 13, 2026	Switchgear and protection Part-5	5:30PM - 6:30PM
Tuesday, April 14, 2026	Question practice Session	5:30PM - 6:30PM
Wednesday, April 15, 2026	Cables, insulators Part - 1	5:30PM - 6:30PM
Thursday, April 16, 2026	Cables, insulators Part - 2	5:30PM - 6:30PM
Friday, April 17, 2026	Circuit Breakers Part - 1	5:30PM - 6:30PM
Monday, April 20, 2026	Circuit Breakers Part - 2	5:30PM - 6:30PM
Tuesday, April 21, 2026	Question practice Session	5:30PM - 6:30PM

Measurement and instrumentation		
Date	Topic	Timing
Wednesday, April 22, 2026	Introduction to Electrical & Electronics Engineering Measurements	5:30PM - 6:30PM
Thursday, April 23, 2026	Error Analysis Part-1	5:30PM - 6:30PM
Friday, April 24, 2026	Error Analysis Part-2	5:30PM - 6:30PM
Monday, April 27, 2026	Types of Dampings and torques	5:30PM - 6:30PM
Tuesday, April 28, 2026	PMMC	5:30PM - 6:30PM
Wednesday, April 29, 2026	Rectifier type instruments	5:30PM - 6:30PM
Thursday, April 30, 2026	Moving iron type instruments -1	5:30PM - 6:30PM
Friday, May 1, 2026	Moving iron type instruments -2	5:30PM - 6:30PM
Monday, May 4, 2026		5:30PM - 6:30PM
Tuesday, May 5, 2026	Power factor meter, flux meter, Frequency meter	5:30PM - 6:30PM
Wednesday, May 6, 2026	Measurement of Power-1	5:30PM - 6:30PM
Thursday, May 7, 2026	Measurement of Power-2	5:30PM - 6:30PM
Friday, May 8, 2026	Energy meter -1	5:30PM - 6:30PM
Monday, May 11, 2026	Energy meter -2	5:30PM - 6:30PM
Tuesday, May 12, 2026	Instrument transformers Part-1	5:30PM - 6:30PM
Wednesday, May 13, 2026	Instrument transformers Part-2	5:30PM - 6:30PM
Thursday, May 14, 2026	CRO - 1	5:30PM - 6:30PM
Friday, May 15, 2026	CRO - 2	5:30PM - 6:30PM
Monday, May 18, 2026	AC bridges 1	5:30PM - 6:30PM
Tuesday, May 19, 2026	AC bridges 2	5:30PM - 6:30PM

Ashish SIR : Control Sytem		
Date	Topic	Timing
Wednesday, May 20, 2026	Control Sytem-1	5:30PM - 6:30PM
Thursday, May 21, 2026	Control Sytem-2	5:30PM - 6:30PM
Friday, May 22, 2026	Control Sytem-3	5:30PM - 6:30PM
Monday, May 25, 2026	Control Sytem-4	5:30PM - 6:30PM
Tuesday, May 26, 2026	Control Sytem-5	5:30PM - 6:30PM
Wednesday, May 27, 2026	Control Sytem-6	5:30PM - 6:30PM
Thursday, May 28, 2026	Control Sytem-7	5:30PM - 6:30PM
Friday, May 29, 2026	Control Sytem-8	5:30PM - 6:30PM
Monday, June 1, 2026	Control Sytem-9	5:30PM - 6:30PM
Tuesday, June 2, 2026	Control Sytem-10	5:30PM - 6:30PM

Ashish SIR : Analog Electronics		
Date	Topic	Timing
Tuesday, June 2, 2026	Analog Electronics-1	5:30PM - 6:30PM
Wednesday, June 3, 2026	Analog Electronics-2	5:30PM - 6:30PM
Thursday, June 4, 2026	Analog Electronics-3	5:30PM - 6:30PM
Friday, June 5, 2026	Analog Electronics-4	5:30PM - 6:30PM
Monday, June 8, 2026	Analog Electronics-5	5:30PM - 6:30PM
Tuesday, June 9, 2026	Analog Electronics-6	5:30PM - 6:30PM
Wednesday, June 10, 2026	Analog Electronics-7	5:30PM - 6:30PM
Thursday, June 11, 2026	Analog Electronics-8	5:30PM - 6:30PM
Friday, June 12, 2026	Analog Electronics-9	5:30PM - 6:30PM
Monday, June 15, 2026	Analog Electronics-10	5:30PM - 6:30PM

Ashish SIR : Signals and sytems		
Date	Topic	Timing
Tuesday, June 16, 2026	Signals and sytems-1	5:30PM - 6:30PM
Wednesday, June 17, 2026	Signals and sytems-2	5:30PM - 6:30PM
Thursday, June 18, 2026	Signals and sytems-3	5:30PM - 6:30PM
Friday, June 19, 2026	Signals and sytems-4	5:30PM - 6:30PM
Monday, June 22, 2026	Signals and sytems-5	5:30PM - 6:30PM
Tuesday, June 23, 2026	Signals and sytems-6	5:30PM - 6:30PM
Wednesday, June 24, 2026	Signals and sytems-7	5:30PM - 6:30PM
Thursday, June 25, 2026	Signals and sytems-8	5:30PM - 6:30PM
Friday, June 26, 2026	Signals and sytems-9	5:30PM - 6:30PM
Monday, June 29, 2026	Signals and sytems-10	5:30PM - 6:30PM

Ashish SIR : Electrical Machine		
Date	Topic	Timing
Friday, April 10, 2026	Introduction to Electrical Machines	3:30PM 4:30PM
Monday, April 13, 2026	Basic Concepts of Magnetic Materials	3:30PM 4:30PM
Tuesday, April 14, 2026	Basic concepts of Rotating Machines	3:30PM 4:30PM
Wednesday, April 15, 2026	Working of DC Generators	3:30PM 4:30PM
Thursday, April 16, 2026	Constrution of DC Machines	3:30PM 4:30PM
Friday, April 17, 2026	Commutator & Types of Windings	3:30PM 4:30PM
Monday, April 20, 2026	Emf Equation of DC Generators	3:30PM 4:30PM
Tuesday, April 21, 2026	Type of DC Generators	3:30PM 4:30PM
Wednesday, April 22, 2026	Questions on DC Generators	3:30PM 4:30PM
Thursday, April 23, 2026	Armature reaction of DC Generators-1	3:30PM 4:30PM
Friday, April 24, 2026	Armature reaction of DC Generators-2	3:30PM 4:30PM

Ashish SIR : Electrical Machine		
Date	Topic	Timing
Monday, April 27, 2026	Commutation in DC Machines	3:30PM 4:30PM
Tuesday, April 28, 2026	Methods of improving commutations	3:30PM 4:30PM
Wednesday, April 29, 2026	Characteristics of DC Generators	3:30PM 4:30PM
Thursday, April 30, 2026	Basic Principle of Motor	3:30PM 4:30PM
Friday, May 1, 2026	Torque Equation of DC Motors	3:30PM 4:30PM
Monday, May 4, 2026	Speed control of DC Motors	3:30PM 4:30PM
Tuesday, May 5, 2026	Starting and Braking methods of DC Motors	3:30PM 4:30PM
Wednesday, May 6, 2026	Efficiency and testing methods of DC Motors	3:30PM 4:30PM
Thursday, May 7, 2026	Basics of Transformers	3:30PM 4:30PM
Friday, May 8, 2026	Construction of transformers & Emf Equation of transformers,	3:30PM 4:30PM
Monday, May 11, 2026	Equivalent circuit, O.C.& S.C. Tests	3:30PM 4:30PM
Tuesday, May 12, 2026	Voltage regulation of transformers, Losses and efficiency of transformers	3:30PM 4:30PM
Wednesday, May 13, 2026	3 Phase transformers, Parallel operation of transformers	3:30PM 4:30PM
Thursday, May 14, 2026	Construction & Working of 3-Phase Induction Machines	3:30PM 4:30PM
Friday, May 15, 2026	Working & Equivalent Circuit of 3-Phase Induction Machines	3:30PM 4:30PM
Monday, May 18, 2026	Torque Equation of 3-Phase induction Machines	3:30PM 4:30PM
Tuesday, May 19, 2026	Torque slip characteristics of 3-phase induction Motors	3:30PM 4:30PM
Wednesday, May 20, 2026	Starters & Braking methods of 3-Phase induction machines	3:30PM 4:30PM
Thursday, May 21, 2026	Speed control of 3-Phase induction motors	3:30PM 4:30PM
Friday, May 22, 2026	Losses, efficiency, Cogging, Crawling of 3-Phase induction Motors	3:30PM 4:30PM
Monday, May 25, 2026	Construction and working of 1-Phase induction motors	3:30PM 4:30PM
Tuesday, May 26, 2026	Split phase Induction Motors, Capacitor start, Capacitor start capacitor run, Shaded pole Induction Motors	3:30PM 4:30PM
Wednesday, May 27, 2026	Hysteresis, Switched Reluctance motors, stepper motors	3:30PM 4:30PM
Thursday, May 28, 2026	Construction & Working of 3-phase Synchronous Machines	3:30PM 4:30PM
Friday, May 29, 2026	Armature reaction of 3-Phase synchronous generators at unity, Lagging pf & Leading pf	3:30PM 4:30PM
Monday, June 1, 2026	Voltage Regulation of 3-Phase Synchronous generators	3:30PM 4:30PM
Tuesday, June 2, 2026	Power flow, Synchronous condenser & important curves in synchronous machines in Synchronous Machines	3:30PM 4:30PM
Wednesday, June 3, 2026	Parallel Operation of Synchronous Machines	3:30PM 4:30PM
Thursday, June 4, 2026	Working of 3-Phase synchronous motors	3:30PM 4:30PM
Friday, June 5, 2026	Starting methods of synchronous motors, Synchronizing coefficient	3:30PM 4:30PM
Monday, June 8, 2026	Testings in Synchronous Machines	3:30PM 4:30PM

Ashish SIR : Intellectual Potential		
Date	Topic	Timing
Tuesday, June 9, 2026	Intellectual Potential-1	3:30PM 4:30PM
Wednesday, June 10, 2026	Intellectual Potential-2	3:30PM 4:30PM
Thursday, June 11, 2026	Intellectual Potential-3	3:30PM 4:30PM
Friday, June 12, 2026	Intellectual Potential-4	3:30PM 4:30PM
Monday, June 15, 2026	Intellectual Potential-5	3:30PM 4:30PM
Tuesday, June 16, 2026	Intellectual Potential-6	3:30PM 4:30PM

Ashish SIR : Intellectual Potential		
Date	Topic	Timing
Wednesday, June 17, 2026	Intellectual Potential-7	3:30PM 4:30PM
Thursday, June 18, 2026	Intellectual Potential-8	3:30PM 4:30PM
Friday, June 19, 2026	Intellectual Potential-9	3:30PM 4:30PM
Monday, June 22, 2026	Intellectual Potential-10	3:30PM 4:30PM
Tuesday, June 23, 2026	Intellectual Potential-11	3:30PM 4:30PM
Wednesday, June 24, 2026	Intellectual Potential-12	3:30PM 4:30PM

