

STUDY PLAN

Class	Ashwini Electrical Engineering
Class 1	Circuit Fundamentals
Class 2	Transient Response
Class 3	AC Steady State
Class 4	Resonance & Sources
Class 5	Network Theorems
Class 6	Two-Port Networks
Class 7	Three-Phase Circuits
Class 8	Fourier Series
Class 9	Electrostatics
Class 10	Dielectrics & Capacitance
Class 11	Magnetostatics
Class 12	Transformers I
Class 13	Transformers II
Class 14	DC Machines I
Class 15	DC Machines II
Class 16	Induction Motors
Class 17	Single-Phase & Special Motors
Class 18	Synchronous Machines
Class 19	Synchronous Motors
Class 20	Power Generation
Class 21	Transmission Lines
Class 22	Distribution & Insulators
Class 23	Per Unit & Network Matrices
Class 24	Load Flow & Voltage Control
Class 25	Economic Operation
Class 26	Symmetrical Components
Class 27	Fault Analysis

Class	Ashwini Electrical Engineering
Class 28	Protection
Class 29	Circuit Breakers & Stability
Class 30	Control Fundamentals
Class 31	Control Performance
Class 32	Frequency Response
Class 33	Root Locus & State Space
Class 34	Power Devices
Class 35	Triggering & Rectifiers
Class 36	Choppers & Inverters
Class 37	Digital Logic
Class 38	Digital Sequential Circuits
Class 39	Timers & Multivibrators
Class 40	Microprocessors
Class 41	Microprocessor Programming
Class 42	Microcontrollers
Class 43	DSP I
Class 44	DSP II
Class 45	DSP III
Class 46	Computer Control & PLC
Class 47	Networks & Communication
Class 48	Communication Engineering 1
Class 49	Communication Engineering 2