

Electronics Devices		
Date	Topic	Timing
Recorded	Energy Band Diagram	Recorded
Recorded	Types of Semiconductor	Recorded
Recorded	Resistivity and Conductivity of Semiconductor	Recorded
Recorded	Hall Effect	Recorded
Recorded	Practice Questions	Recorded
Recorded	PN Junction Diodes	Recorded
Recorded	Characteristics of PN Junction Diodes	Recorded
Recorded	Transistion and Diffusion Capacitance	Recorded
Recorded	Zener Diode	Recorded
Recorded	Avalanche and Zener Breakdown	Recorded
Recorded	Rectifiers-1	Recorded
Recorded	Rectifiers-2	Recorded
Recorded	Clippers	Recorded
Recorded	Clampers	Recorded
Recorded	Practice Questions	Recorded
Recorded	Transistors and Its working	Recorded
Recorded	Confuguration and Characteristics of Transistors	Recorded
Recorded	Current Components in BJT	Recorded
Recorded	Early Effect	Recorded
Recorded	Mode of Operation	Recorded
Recorded	Applications of Transistor	Recorded
Recorded	BJT amplifiers - 1	Recorded
Recorded	BJT amplifiers - 2	Recorded
Recorded	Power amplifiers	Recorded
Recorded	Sinusoidal Oscillator & Phase shift Oscillator	Recorded
Recorded	Wien Bridge Oscillator	Recorded
Recorded	Colpitts and Hartley Oscillators	Recorded
Recorded	Multivibrator - 1	Recorded
Recorded	Multivibrator - 2	Recorded
Recorded	Practice Questions	Recorded
Recorded	Inverter and UPS	Recorded
Recorded	Working of Triode	Recorded
Recorded	Triode Circuits	Recorded
END OF SUBJECT		
Linear Integrated Circuits		
Date	Topic	Timing
Recorded	Introduction	Recorded
Recorded	Construction and Properties part-1	Recorded
Recorded	Construction and Properties part-2	Recorded
Recorded	Construction and Properties part-2	Recorded
Recorded	Linear applications part-1	Recorded
Recorded	Linear applications part-2	Recorded
Recorded	Non Linear applications part-1	Recorded
Recorded	Non Linear applications part-2	Recorded
Recorded	Voltage regulators	Recorded
Recorded	Miscellaneous	Recorded
Recorded	Introduction	Recorded
Recorded	Question on Timers	Recorded
Recorded	Phase loked loop	Recorded
END OF SUBJECT		
Data Communication and Network		
Date	Topic	Timing
Recorded	Data Communication	Recorded
Recorded	Hardware and interface - 1	Recorded
Recorded	Hardware and interface - 2	Recorded
Recorded	OSI layers	Recorded
Recorded	LAN, MAN, WAN	Recorded
Recorded	Network Topologies	Recorded
Recorded	Objective Questions	Recorded
Recorded	Ethernet	Recorded
Recorded	IP addresses	Recorded
Recorded	internet working	Recorded
END OF SUBJECT		

Ashish SIR : Measurement and instrumentation		
Date	Topic	Timing
Monday, October 20, 2025	Methods of measurements, type of instruments	3:00 PM - 4:00 PM
Tuesday, October 21, 2025	Basic Characteristics of an Instrument & Error Analysis	3:00 PM - 4:00 PM
Wednesday, October 22, 2025	Types of Deflection, Damping and Controlling Torque	3:00 PM - 4:00 PM
Thursday, October 23, 2025	classification of analog instruments, mcq	3:00 PM - 4:00 PM
Friday, October 24, 2025	Basic Galvanometer, PMMC & MI instruments	3:00 PM - 4:00 PM
Monday, October 27, 2025	Electrodynamicometer instruments	3:00 PM - 4:00 PM
Tuesday, October 28, 2025	Thermal instruments electrostatic instruments rectifier type	3:00 PM - 4:00 PM
Wednesday, October 29, 2025	Requirement of Range Extension and Basic DC Ammeter & Voltmeter	3:00 PM - 4:00 PM
Thursday, October 30, 2025	Loading Effect Due to Voltmeter Resistance	3:00 PM - 4:00 PM
Friday, October 31, 2025	Property , materials, measurements of low resistance	3:00 PM - 4:00 PM
Monday, November 3, 2025	Measurements of medium resistance	3:00 PM - 4:00 PM
Tuesday, November 4, 2025	Measurements of high resistance	3:00 PM - 4:00 PM
Wednesday, November 5, 2025	Measurements of inductance-1	3:00 PM - 4:00 PM
Thursday, November 6, 2025	Measurements of inductance-2	3:00 PM - 4:00 PM
Friday, November 7, 2025	Capacitance and special bridges	3:00 PM - 4:00 PM
Monday, November 10, 2025	DC and AC power,introduction to wattmeter	3:00 PM - 4:00 PM
Tuesday, November 11, 2025	Blondel theorem , two WM method, Single WM method	3:00 PM - 4:00 PM
Wednesday, November 12, 2025	Errors in Wattmeter	3:00 PM - 4:00 PM
Thursday, November 13, 2025	Induction Type Energy Meter	3:00 PM - 4:00 PM
Friday, November 14, 2025	Measurement of Frequency	3:00 PM - 4:00 PM
Monday, November 17, 2025	Measurement of Power Factor	3:00 PM - 4:00 PM
Tuesday, November 18, 2025	Basics and construction of CRO	3:00 PM - 4:00 PM
Wednesday, November 19, 2025	Measurement of phase and frequency	3:00 PM - 4:00 PM
Thursday, November 20, 2025	Operation modes of CRO and Special CRO	3:00 PM - 4:00 PM
Friday, November 21, 2025	AC Potentiometers	3:00 PM - 4:00 PM
Monday, November 24, 2025	Basic Potentiometer Circuit & Crompton's Potentiometer Circuit	3:00 PM - 4:00 PM
Tuesday, November 25, 2025	Introduction and classification	3:00 PM - 4:00 PM
Wednesday, November 26, 2025	Strain gauges, LVDT, RTD, thermistor and pyrometer	3:00 PM - 4:00 PM
Thursday, November 27, 2025	Construction , principle, application of Q- meter	3:00 PM - 4:00 PM
Friday, November 28, 2025	CT & PT and Burden of Instrument Transformer	3:00 PM - 4:00 PM
Monday, December 1, 2025	basic of DVM and its Extension, Type of DVM	3:00 PM - 4:00 PM
Tuesday, December 2, 2025	basic of Electronic AC Voltmeter and its principle operation	3:00 PM - 4:00 PM
Wednesday, December 3, 2025	Type of Electronic AC Voltmeters	3:00 PM - 4:00 PM
Thursday, December 4, 2025	Live doubt and miscellaneous-1	3:00 PM - 4:00 PM
Friday, December 5, 2025	Live doubt and miscellaneous-2	3:00 PM - 4:00 PM
Saturday, December 6, 2025	Live doubt and miscellaneous-3	3:00 PM - 4:00 PM
END OF SUBJECT		
Ashish SIR : Network Theory		
Date	Topic	Timing
Tuesday, August 19, 2025	Classification of Element	3:00 PM - 4:00 PM
Wednesday, August 20, 2025	Circuit Element (R,L,C)	3:00 PM - 4:00 PM
Thursday, August 21, 2025	Classification of Source	3:00 PM - 4:00 PM
Friday, August 22, 2025	Ohm's Law and Kirchoff's Law	3:00 PM - 4:00 PM
Monday, August 25, 2025	Nodal Analysis and Source Transformation	3:00 PM - 4:00 PM
Tuesday, August 26, 2025	Mesh Analysis	3:00 PM - 4:00 PM
Wednesday, August 27, 2025	Current and Voltage Division Rule, Star-Delta Conversion	3:00 PM - 4:00 PM
Thursday, August 28, 2025	Equivalent Connection of Source and Tellegen's Theorem	3:00 PM - 4:00 PM
Friday, August 29, 2025	Thvenin's and Norton's Theorem	3:00 PM - 4:00 PM
Monday, September 1, 2025	Maximum Power Transfer Theorem and Compensation Theorem	3:00 PM - 4:00 PM
Tuesday, September 2, 2025	Superposition Theorem and Substitution Theorem	3:00 PM - 4:00 PM
Wednesday, September 3, 2025	Milliman's Theorem and Reciprocity Theorem	3:00 PM - 4:00 PM
Thursday, September 4, 2025	Alternating Voltage and Current	3:00 PM - 4:00 PM
Friday, September 5, 2025	Why Sine Waveform? Generation of Alernating Volatge and Current	3:00 PM - 4:00 PM
Monday, September 8, 2025	Important AC terminology	3:00 PM - 4:00 PM
Tuesday, September 9, 2025	Complex Waveform and Phasor Representation of Sinusoidal Quantities	3:00 PM - 4:00 PM
Wednesday, September 10, 2025	AC Circuit containing Pure R (or) L (or ) C Only	3:00 PM - 4:00 PM
Thursday, September 11, 2025	R-L Series A.C. Circuit	3:00 PM - 4:00 PM
Friday, September 12, 2025	R-C Series A.C Circuit	3:00 PM - 4:00 PM
Monday, September 15, 2025	R-L-C Series A.C Circuit and Resonance in series AC Circuit	3:00 PM - 4:00 PM
Tuesday, September 16, 2025	Variation of Voltages Across R/L/C with Frequency	3:00 PM - 4:00 PM
Wednesday, September 17, 2025	Quality Factor, Bandwidth of series RLC Circuit	3:00 PM - 4:00 PM
Thursday, September 18, 2025	Parallel RLC Circuit and Resonance in parallel AC Circuit	3:00 PM - 4:00 PM
Friday, September 19, 2025	Bandwidth, Cutoff Frequencies and Variation of Voltages Across R/L/C with Frequency of parallel resonance circuit	3:00 PM - 4:00 PM
Monday, September 22, 2025	Methos of Solving Parallel AC Circuit	3:00 PM - 4:00 PM
Tuesday, September 23, 2025	Important Admittance in parallel AC Circuit	3:00 PM - 4:00 PM



Recorded	Practice Questions	Recorded				
Recorded	A/D Convertors	Recorded				
Recorded	D/A Convertors	Recorded				
Recorded	Practice Questions	Recorded				
Recorded	Memories	Recorded				