

Saket Verma : 4.Linear Integrated Circuits				
Date	Chapter	Topic	Timing	
Friday, February 28, 2025		Introduction	5:30PM-6:30PM	
Monday, March 3, 2025		Construction and Properties part-1	5:30PM-6:30PM	
Tuesday, March 4, 2025		Construction and Properties part-2	5:30PM-6:30PM	
Wednesday, March 5, 2025		Construction and Properties part-2	5:30PM-6:30PM	
Thursday, March 6, 2025		Linear applications part-1	5:30PM-6:30PM	
Friday, March 7, 2025		Linear applications part-2	5:30PM-6:30PM	
Monday, March 10, 2025		Non Linear applications part-1	5:30PM-6:30PM	
Tuesday, March 11, 2025		Non Linear applications part-2	5:30PM-6:30PM	
Wednesday, March 12, 2025		Voltage regulators	5:30PM-6:30PM	
Thursday, March 13, 2025		Miscellaneous	5:30PM-6:30PM	
Friday, March 14, 2025	Op-Amp	Introduction	5:30PM-6:30PM	
Monday, March 17, 2025		Timers	Question on Timers	5:30PM-6:30PM
Tuesday, March 18, 2025		PLL	Phase locked loop	5:30PM-6:30PM

END OF SUBJECT

Saket Verma : Microprocessor

Date	Chapter	Topic	Timing
Recorded		Class-1	Recorded
Recorded		Class-2	Recorded
Recorded		Class-3	Recorded
Recorded		Class-4	Recorded
Recorded		Class-5	Recorded
Recorded		Class-6	Recorded
Recorded		Class-7	Recorded
Recorded		Class-8	Recorded
Recorded		Class-9	Recorded
Recorded		Class-10	Recorded

Saket Verma :1. Electronics Devices

Date	Chapter	Topic	Timing	
Wednesday, March 19, 2025		Energy Band Diagram	5:30PM-6:30PM	
Thursday, March 20, 2025		Types of Semiconductor	5:30PM-6:30PM	
Friday, March 21, 2025		Resistivity and Conductivity of Semiconductor	5:30PM-6:30PM	
Monday, March 24, 2025		Hall Effect	5:30PM-6:30PM	
Tuesday, March 25, 2025		Practice Questions	5:30PM-6:30PM	
Wednesday, March 26, 2025		PN Junction Diodes	5:30PM-6:30PM	
Thursday, March 27, 2025		Characteristics of PN Junction Diode	5:30PM-6:30PM	
Friday, March 28, 2025		Transistion and Diffusion Capacacita	5:30PM-6:30PM	
Monday, March 31, 2025		Zener Diode	5:30PM-6:30PM	
Tuesday, April 1, 2025		Avalanche and Zener Breakdown	5:30PM-6:30PM	
Wednesday, April 2, 2025	Diodes	Rectifiers-1	5:30PM-6:30PM	
Thursday, April 3, 2025		Rectifiers-2	5:30PM-6:30PM	
Friday, April 4, 2025		Clippers	5:30PM-6:30PM	
Monday, April 7, 2025		Clampers	5:30PM-6:30PM	
Tuesday, April 8, 2025		Practice Questions	5:30PM-6:30PM	
Wednesday, April 9, 2025		Transistors and Its working	5:30PM-6:30PM	
Thursday, April 10, 2025		Confuguration and Characteristics of	5:30PM-6:30PM	
Friday, April 11, 2025		olar Junction Transis	Current Components in BJT	5:30PM-6:30PM
Monday, April 14, 2025			Early Effect	5:30PM-6:30PM

Aayush SIR : Network Theory				
Date	Chapter	Topic	Timing	
Monday, May 19, 2025		Classification of Element	1:30PM-2:30-PM	
Tuesday, May 20, 2025		Circuit Element (R,L,C)	1:30PM-2:30-PM	
Wednesday, May 21, 2025		Classification of Source	1:30PM-2:30-PM	
Thursday, May 22, 2025		Ohm's Law and Kirchoff's Law	1:30PM-2:30-PM	
Friday, May 23, 2025		Nodal Analysis and Source Transformation	1:30PM-2:30-PM	
Saturday, May 24, 2025		Mesh Analysis	1:30PM-2:30-PM	
Monday, May 26, 2025		Network Elements	Current and Voltage Division Rule, Star-Delta Conversion	1:30PM-2:30-PM
Tuesday, May 27, 2025			Equivalent Connection of Source and Tellegen's Theorem	1:30PM-2:30-PM
Wednesday, May 28, 2025			Thvenin's and Norton's Theorem	1:30PM-2:30-PM
Thursday, May 29, 2025		Network Theorem	Maximum Power Transfer Theorem and Compensation Theorem	1:30PM-2:30-PM
Friday, May 30, 2025	Superposition Theorem and Substitution Theorem		1:30PM-2:30-PM	
Saturday, May 31, 2025	Milliman's Theorem and Reciprocity Theorem		1:30PM-2:30-PM	
Monday, June 2, 2025	Alternating Voltage and Current		1:30PM-2:30-PM	
Tuesday, June 3, 2025	Why Sine Waveform? Generation of Alernating Volatge and Current		1:30PM-2:30-PM	
Wednesday, June 4, 2025	Important AC terminology		1:30PM-2:30-PM	
Thursday, June 5, 2025	A.C. Fundamentals		Complex Waveform and Phasor Representation of Sinusoidal Quantities	1:30PM-2:30-PM
Friday, June 6, 2025			AC Circuit containing Pure R (or) L (or) C Only	1:30PM-2:30-PM
Saturday, June 7, 2025	Series AC Circuit		R-L Series A.C. Circuit	1:30PM-2:30-PM
Monday, June 9, 2025			R-C Series A.C Circuit	1:30PM-2:30-PM
Tuesday, June 10, 2025		R-L-C Series A.C Circuit and Resonance in series AC Circuit	1:30PM-2:30-PM	
Wednesday, June 11, 2025	Electrical Resonance	Variation of Voltages Across R/L/C with Frequency	1:30PM-2:30-PM	
Thursday, June 12, 2025		Quality Factor, Bandwidth of series RLC Circuit	1:30PM-2:30-PM	
Friday, June 13, 2025		Parallel RLC Circuit and Resonance in parallel AC Circuit	1:30PM-2:30-PM	
Saturday, June 14, 2025		Bandwidth, Cutoff Frequencies and Variation of Voltages Across R/L/C with Frequency of parallel resonance circuit	1:30PM-2:30-PM	
Monday, June 16, 2025		Methos of Solving Parallel AC Circuit	1:30PM-2:30-PM	
Tuesday, June 17, 2025		Parallel A.C Circuit	Important Admittance in parallel AC Circuit	1:30PM-2:30-PM
Wednesday, June 18, 2025			Three Phase Circuit	Concept of Three phase Circuit - Star/Delta Connection and Power Relation
Thursday, June 19, 2025		Magnetically Coupled Circuits	Basic of Magnetism	1:30PM-2:30-PM
Friday, June 20, 2025			Concept of Electromagnetism and Force on Current Carrying Cunductor	1:30PM-2:30-PM
Saturday, June 21, 2025			Important terms of Magnetic Circuit	1:30PM-2:30-PM
Monday, June 23, 2025	B-H Curve and Hystersis Loss		1:30PM-2:30-PM	
Tuesday, June 24, 2025	Electromagnetic Induction		Basic of Electromagnetic Induction-Self and mutual induction	1:30PM-2:30-PM
Wednesday, June 25, 2025			Inductor in series and parallel with and without mutual inductance	1:30PM-2:30-PM
Thursday, June 26, 2025	Chemical Effects of Electric Current		Cells and Batteries	1:30PM-2:30-PM
Friday, June 27, 2025			Concept of Graph, Cut-set and Loops	1:30PM-2:30-PM
Saturday, June 28, 2025	Network Topology (or) Graph Theory		Concept of graph Theory	1:30PM-2:30-PM
Monday, June 30, 2025			Loop and Cut-set Analysis	1:30PM-2:30-PM
Tuesday, July 1, 2025		Impedance (Z) and Admittance (Y) Parameter	1:30PM-2:30-PM	
Wednesday, July 2, 2025	Two Port Networks	Transmission (ABCD) , Hybrid (h), and Inverse Hybrid Parameter	1:30PM-2:30-PM	
Thursday, July 3, 2025		Interconnection Two Port Networks	1:30PM-2:30-PM	
Friday, July 4, 2025		Basic of Transient	1:30PM-2:30-PM	
Saturday, July 5, 2025		Source Free Circuits (RL and RC)	1:30PM-2:30-PM	
Monday, July 7, 2025		Source Free Circuits (series and parallel RLC)	1:30PM-2:30-PM	
Tuesday, July 8, 2025		Step Response of First Order Circuits (RL and RC)	1:30PM-2:30-PM	
Wednesday, July 9, 2025		Transient Analysis	Step Response of Second Order Circuits (Series and Parallel RLC)	1:30PM-2:30-PM

END OF SUBJECT

Aayush SIR : Measurement and instrumentation

Date	Chapter	Topic	Timing
Tuesday, April 1, 2025		Methods of measurements, type of instruments	3:30PM-4:30PM

Tuesday, April 15, 2025	tion Field Effect Trans	Mode of Operation	5:30PM-6:30PM
Wednesday, April 16, 2025		Applications of Transistor	5:30PM-6:30PM
Thursday, April 17, 2025	Amplifiers	BJT amplifiers - 1	5:30PM-6:30PM
Friday, April 18, 2025		BJT amplifiers - 2	5:30PM-6:30PM
Monday, April 21, 2025		Power amplifiers	5:30PM-6:30PM
Tuesday, April 22, 2025	Oscillators	Sinusoidal Oscillator & Phase shift Os	5:30PM-6:30PM
Wednesday, April 23, 2025		Wien Bridge Oscillator	5:30PM-6:30PM
Thursday, April 24, 2025		Colpitts and Hartley Oscillators	5:30PM-6:30PM
Friday, April 25, 2025	Multivibrator	Multivibrator - 1	5:30PM-6:30PM
Monday, April 28, 2025		Multivibrator - 2	5:30PM-6:30PM
Tuesday, April 29, 2025		Practice Questions	5:30PM-6:30PM
Wednesday, April 30, 2025	Inverter & UPS	Inverter and UPS	5:30PM-6:30PM
Thursday, May 1, 2025	Triode	Working of Triode	5:30PM-6:30PM
Friday, May 2, 2025		Triode Circuits	5:30PM-6:30PM

Saket Verma : 4. Data Communication and Network

Date	Chapter	Topic	Timing
Monday, May 5, 2025	Introduction	Data Communication	4:30PM-5:30PM
Tuesday, May 6, 2025		Hardware and interface - 1	4:30PM-5:30PM
Wednesday, May 7, 2025		Hardware and interface - 2	4:30PM-5:30PM
Thursday, May 8, 2025		OSI layers	4:30PM-5:30PM
Friday, May 9, 2025	Networking devices	LAN, MAN, WAN	4:30PM-5:30PM
Monday, May 12, 2025		Network Topologies	4:30PM-5:30PM
Tuesday, May 13, 2025		Objective Questions	4:30PM-5:30PM
Wednesday, May 14, 2025	Internet	Ethernet	4:30PM-5:30PM
Thursday, May 15, 2025		IP addresses	4:30PM-5:30PM
Friday, May 16, 2025		internet working	4:30PM-5:30PM

END OF SUBJECT

Saket Verma : 3. Communication Engineering

Date	Chapter	Topic	Timing
Monday, May 19, 2025	Basics	Introduction	4:30PM-5:30PM
Tuesday, May 20, 2025		Modulation requirements	4:30PM-5:30PM
Wednesday, May 21, 2025	Amplitude modulation	Amplitude modulation part-1	4:30PM-5:30PM
Thursday, May 22, 2025		Amplitude modulation part-2	4:30PM-5:30PM
Friday, May 23, 2025		Amplitude modulation part-2	4:30PM-5:30PM
Monday, May 26, 2025		DSBSC Modulation and demodulation	4:30PM-5:30PM
Tuesday, May 27, 2025		SSB SC Modulation and demodulation	4:30PM-5:30PM
Wednesday, May 28, 2025		VSB modulation and demodulation	4:30PM-5:30PM
Thursday, May 29, 2025		Practice Questions	4:30PM-5:30PM
Friday, May 30, 2025	Angle Modulation	Introduction	4:30PM-5:30PM
Monday, June 2, 2025		se and frequency modulation param	4:30PM-5:30PM
Tuesday, June 3, 2025		odulation and demodulation techniqu	4:30PM-5:30PM
Wednesday, June 4, 2025	Recievers	Recievers part-1	4:30PM-5:30PM
Thursday, June 5, 2025		Recievers part-2	4:30PM-5:30PM
Friday, June 6, 2025		Recievers part-3	4:30PM-5:30PM
Monday, June 9, 2025	Digital Communicatio	Block Diagram of PCM	4:30PM-5:30PM
Tuesday, June 10, 2025		Sampling criteria	4:30PM-5:30PM
Wednesday, June 11, 2025		Quantization	4:30PM-5:30PM
Thursday, June 12, 2025		Intersymbol interference	4:30PM-5:30PM
Friday, June 13, 2025	Multiplexing	Frequency division multiplexing	4:30PM-5:30PM
Monday, June 16, 2025		Time division multiplexing	4:30PM-5:30PM
Tuesday, June 17, 2025	Wave Propagation	Wave Propagation - 1	4:30PM-5:30PM
Wednesday, June 18, 2025		Wave Propagation - 2	4:30PM-5:30PM
Thursday, June 19, 2025		Equivalent Circuit of TL	4:30PM-5:30PM

Wednesday, April 2, 2025	Introduction	Basic Characteristics of an Instrument & Error Analysis	3:30PM-4:30PM
Thursday, April 3, 2025		Types of Deflection, Damping and Controlling Torque	3:30PM-4:30PM
Friday, April 4, 2025		classification of analog instruments, mcq	3:30PM-4:30PM
Saturday, April 5, 2025		Basic Galvanometer, PMMC & MI instruments	3:30PM-4:30PM
Monday, April 7, 2025	Indicating Instrument	Electrodyanamometer instruments	3:30PM-4:30PM
Tuesday, April 8, 2025		Thermal instruments electrostatic instruments rectifier type	3:30PM-4:30PM
Wednesday, April 9, 2025		Requirement of Range Extension and Basic DC Ammeter & Voltmeter	3:30PM-4:30PM
Thursday, April 10, 2025	Extension of Range	Loading Effect Due to Voltmeter Resistance	3:30PM-4:30PM
Friday, April 11, 2025	Measurement of R/L/C Using Bridge Circuits	Property , materials, measurments of low resistance	3:30PM-4:30PM
Saturday, April 12, 2025		Measurements of medium resistance	3:30PM-4:30PM
Monday, April 14, 2025		Measurements of high resistance	3:30PM-4:30PM
Tuesday, April 15, 2025		Measurements of inductance-1	3:30PM-4:30PM
Wednesday, April 16, 2025		Measurements of inductance-2	3:30PM-4:30PM
Thursday, April 17, 2025		Capacitance and special bridges	3:30PM-4:30PM
Friday, April 18, 2025		DC and AC power,introduction to wattmeter	3:30PM-4:30PM
Saturday, April 19, 2025		Blondel theorem , two WM method, Single WM method	3:30PM-4:30PM
Monday, April 21, 2025		Errors in Wattmeter	3:30PM-4:30PM
Tuesday, April 22, 2025		Power and energy	Induction Type Energy Meter
Wednesday, April 23, 2025	Measurement of PF and Frequency	Measurement of Frequency	3:30PM-4:30PM
Thursday, April 24, 2025		Measurement of Power Factor	3:30PM-4:30PM
Friday, April 25, 2025		Basics and construction of CRO	3:30PM-4:30PM
Saturday, April 26, 2025		Measurement of phase and frequency	3:30PM-4:30PM
Monday, April 28, 2025	CRO	Operation modes of CRO and Special CRO	3:30PM-4:30PM
Tuesday, April 29, 2025	Potentiometers	AC Potentiometers	3:30PM-4:30PM
Wednesday, April 30, 2025		Basic Potentiometer Circuit &Crompton's Potentiometer Circuit	3:30PM-4:30PM
Thursday, May 1, 2025	Transducer	Introduction and classification	3:30PM-4:30PM
Friday, May 2, 2025		Strain gauges, LVDT, RTD, thermistor and pyrometer	3:30PM-4:30PM
Saturday, May 3, 2025		Q meter	Construction , principle, application of Q- meter
Monday, May 5, 2025	Instruments transformer	CT & PT and Burden of Instrument Transformer	3:30PM-4:30PM
Tuesday, May 6, 2025	Digital Voltmeter	basic of DVM and its Extension, Type of DVM	3:30PM-4:30PM
Wednesday, May 7, 2025	Electronic Voltmeter	basic of Electronic AC Voltmeter and its principle operation	3:30PM-4:30PM
Thursday, May 8, 2025		Type of Electronic AC Voltmeters	3:30PM-4:30PM
Friday, May 9, 2025		Live doubt and miscellaneous-1	3:30PM-4:30PM
Saturday, May 10, 2025	LIVE DOUBT AND MISCELLANEOUS	Live doubt and miscellaneous-2	3:30PM-4:30PM
Monday, May 12, 2025		Live doubt and miscellaneous-3	3:30PM-4:30PM

END OF SUBJECT

Friday, June 20, 2025	Transmission Line	Lossless and distortionless TL	4:30PM-5:30PM
Monday, June 23, 2025		Input impedance of TL	4:30PM-5:30PM
Tuesday, June 24, 2025		Reflection coefficient and VSWR	4:30PM-5:30PM
Wednesday, June 25, 2025		Practice Questions	4:30PM-5:30PM
Thursday, June 26, 2025		Smith Chart	4:30PM-5:30PM
Friday, June 27, 2025	Radar	Radar range equation	4:30PM-5:30PM
Monday, June 30, 2025	Satellite Communication	Satellite Communication - 1	4:30PM-5:30PM
Tuesday, July 1, 2025		Satellite Communication - 2	4:30PM-5:30PM
Wednesday, July 2, 2025	Cellular Communication	Cellular Communication - 1	4:30PM-5:30PM
Thursday, July 3, 2025		Cellular Communication - 2	4:30PM-5:30PM

Saket Verma : 2. Digital Electronics

Date	Chapter	Topic	Timing	
Friday, July 4, 2025	Digital Logic	Introduction to Number systems	4:30PM-5:30PM	
Monday, July 7, 2025		Addition in different base	4:30PM-5:30PM	
Tuesday, July 8, 2025		Subtraction in Different Base	4:30PM-5:30PM	
Wednesday, July 9, 2025		Complements	4:30PM-5:30PM	
Thursday, July 10, 2025		Interconversions part-1	4:30PM-5:30PM	
Friday, July 11, 2025		Interconversions part-2	4:30PM-5:30PM	
Monday, July 14, 2025		Binary Codes,BCD	4:30PM-5:30PM	
Tuesday, July 15, 2025		Excess-3 and Gray Codes	4:30PM-5:30PM	
Wednesday, July 16, 2025		Practice Questions	4:30PM-5:30PM	
Thursday, July 17, 2025		Axioms and Operations	4:30PM-5:30PM	
Friday, July 18, 2025		Laws of Boolean Algebra	4:30PM-5:30PM	
Monday, July 21, 2025		SOP and POS representation part-1	4:30PM-5:30PM	
Tuesday, July 22, 2025		SOP and POS representation part-2	4:30PM-5:30PM	
Wednesday, July 23, 2025		Logic Design	Basic Gates	4:30PM-5:30PM
Thursday, July 24, 2025			Special Gates	4:30PM-5:30PM
Friday, July 25, 2025			Universal Gates	4:30PM-5:30PM
Monday, July 28, 2025			Circuits of Gates	4:30PM-5:30PM
Tuesday, July 29, 2025		Combinational Circuits	Adders	4:30PM-5:30PM
Wednesday, July 30, 2025	Subtractors		4:30PM-5:30PM	
Thursday, July 31, 2025	Multiplexers part-1		4:30PM-5:30PM	
Friday, August 1, 2025	Multiplexers part-2		4:30PM-5:30PM	
Monday, August 4, 2025	Demultiplexers and Decoders		4:30PM-5:30PM	
Tuesday, August 5, 2025	Practice Questions		4:30PM-5:30PM	
Wednesday, August 6, 2025	Sequential Circuits	Introduction to flip flops	4:30PM-5:30PM	
Thursday, August 7, 2025		Different types of Flip flops	4:30PM-5:30PM	
Friday, August 8, 2025		Counters Basics	4:30PM-5:30PM	
Monday, August 11, 2025		Counters Basics	4:30PM-5:30PM	
Tuesday, August 12, 2025		Practice Questions	4:30PM-5:30PM	
Wednesday, August 13, 2025		Digital Devices	A/D Convertors	4:30PM-5:30PM
Thursday, August 14, 2025			D/A Convertors	4:30PM-5:30PM
Friday, August 15, 2025	Practice Questions		4:30PM-5:30PM	
Monday, August 18, 2025	Memories		4:30PM-5:30PM	

END OF SUBJECT