

STUDY PLAN

Avinash Sir : Digital Electronics			Ashish Sir : Basic Electronics / EDC		
Date	Title	Timing	Date	Title	Timing
Thursday, September 10, 2026	Orientation	10:00PM - 11:00PM	Wednesday, September 16, 2026	Orientation	3:30PM - 6PM
Friday, September 11, 2026	Introduction to Number systems	10:00PM - 11:00PM	Tuesday, September 22, 2026	Introduction to Basic Electronic	3:30PM - 6PM
Monday, September 14, 2026	Addition in different base	10:00PM - 11:00PM	Wednesday, September 23, 2026	Basics of Semiconductor Materials Part-1	3:30PM - 6PM
Tuesday, September 15, 2026	Subtraction in Different Base	10:00PM - 11:00PM	Thursday, September 24, 2026	Basics of Semiconductor Materials Part-2	3:30PM - 6PM
Wednesday, September 16, 2026	Complements	10:00PM - 11:00PM	Wednesday, September 30, 2026	Semiconductor Physics Part-1	3:30PM - 6PM
Thursday, September 17, 2026	Interconversions part-1	10:00PM - 11:00PM	Thursday, October 1, 2026	Semiconductor Physics Part-2	3:30PM - 6PM
Friday, September 18, 2026	Interconversions part-2	10:00PM - 11:00PM	Thursday, October 8, 2026	PN Junction Diode Part-1	3:30PM - 6PM
Monday, September 21, 2026	Binary Codes,BCD	10:00PM - 11:00PM	Friday, October 9, 2026	PN Junction Diode Part-2	3:30PM - 6PM
Tuesday, September 22, 2026	Excess-3 and Gray Codes	10:00PM - 11:00PM	Monday, October 12, 2026	Zener Diode Part -1	3:30PM - 6PM
Wednesday, September 23, 2026	Practice Questions	10:00PM - 11:00PM	Friday, October 16, 2026	Zener Diode Part -2	3:30PM - 6PM
Thursday, September 24, 2026	Axioms and Operations	10:00PM - 11:00PM	Monday, October 19, 2026	Tunnel diode, LED	3:30PM - 6PM
Friday, September 25, 2026	Laws of Boolean Algebra	10:00PM - 11:00PM	Tuesday, October 20, 2026	PhotoDiode, Shottcky Diode	3:30PM - 6PM
Monday, September 28, 2026	SOP and POS representation part-1	10:00PM - 11:00PM	Monday, October 26, 2026	BJT Part-1	3:30PM - 6PM
Tuesday, September 29, 2026	SOP and POS representation part-2	10:00PM - 11:00PM	Tuesday, October 27, 2026	BJT Part-2	3:30PM - 6PM
Wednesday, September 30, 2026	Basic Gates	10:00PM - 11:00PM	Wednesday, October 28, 2026	BJT Part-3	3:30PM - 6PM
Thursday, October 1, 2026	Special Gates	10:00PM - 11:00PM	Tuesday, November 3, 2026	BJT Part-4	3:30PM - 6PM
Monday, October 5, 2026	Universal Gates	10:00PM - 11:00PM	Wednesday, November 4, 2026	BJT Part-5	3:30PM - 6PM
Tuesday, October 6, 2026	Circuits of Gates	10:00PM - 11:00PM	Thursday, November 5, 2026	BJT Part-6	3:30PM - 6PM
Wednesday, October 7, 2026	Adders	10:00PM - 11:00PM	Monday, November 9, 2026	BJT Part-7	3:30PM - 6PM

Thursday, October 8, 2026	Subtractors	10:00PM - 11:00PM	Tuesday, November 10, 2026	FeedBack Amplifier	3:30PM - 6PM
Friday, October 9, 2026	Multiplexers part-1	10:00PM - 11:00PM	Wednesday, November 11, 2026	Power amplifier	3:30PM - 6PM
Monday, October 12, 2026	Multiplexers part-2	10:00PM - 11:00PM	Wednesday, November 18, 2026	FET introduction and working	3:30PM - 6PM
Tuesday, October 13, 2026	Demultiplexers and Decoders	10:00PM - 11:00PM	Thursday, November 19, 2026	MCQs on FET	3:30PM - 6PM
Wednesday, October 14, 2026	Practice Questions	10:00PM - 11:00PM	Friday, November 20, 2026	MOSFET introduction and working	3:30PM - 6PM
Thursday, October 15, 2026	Introduction to flip flops	10:00PM - 11:00PM	Monday, November 23, 2026	Op-amp Part-1	3:30PM - 6PM
Friday, October 16, 2026	Different types of Flip flops	10:00PM - 11:00PM	Tuesday, November 24, 2026	Op-amp Part-2	3:30PM - 6PM
Monday, October 19, 2026	Counters Basics	10:00PM - 11:00PM	Wednesday, November 25, 2026	Op-amp Part-3	3:30PM - 6PM
Tuesday, October 20, 2026	Counters Basics	10:00PM - 11:00PM	Thursday, November 26, 2026	Number system Part-1	3:30PM - 6PM
Wednesday, October 21, 2026	Practice Questions	10:00PM - 11:00PM	Friday, November 27, 2026	Number system Part-2	3:30PM - 6PM
Thursday, October 22, 2026	A/D Convertors	10:00PM - 11:00PM	Monday, November 30, 2026	Boolean algebra	3:30PM - 6PM
Friday, October 23, 2026	D/A Convertors	10:00PM - 11:00PM	Tuesday, December 1, 2026	Logic Gates	3:30PM - 6PM
Monday, October 26, 2026	Practice Questions	10:00PM - 11:00PM	Wednesday, December 2, 2026	Basics of Power Electronics Part-1	3:30PM - 6PM
Tuesday, October 27, 2026	Memories	10:00PM - 11:00PM	Thursday, December 3, 2026	Basics of Power Electronics Part-2	3:30PM - 6PM
Avinash Sir : Communication engineering			Friday, December 4, 2026	SCR Part-1	3:30PM - 6PM
Date	Title	Timing	Monday, December 7, 2026	SCR Part-2	3:30PM - 6PM
Monday, October 19, 2026	Introduction	10:00PM - 11:00PM	Tuesday, December 8, 2026	Types of Switches and their working Part-1	3:30PM - 6PM
Tuesday, October 20, 2026	Modulation requirements	10:00PM - 11:00PM	Wednesday, December 9, 2026	Types of Switches and their working Part-2	3:30PM - 6PM
Wednesday, October 21, 2026	Amplitude modulation part-1	10:00PM - 11:00PM	Thursday, December 10, 2026	Types of Switches and their working Part-3	3:30PM - 6PM
Thursday, October 22, 2026	Amplitude modulation part-2	10:00PM - 11:00PM	Friday, December 11, 2026	Miscellaneous	3:30PM - 6PM
Friday, October 23, 2026	Amplitude modulation part-2	10:00PM - 11:00PM	Ashish Sir : Microprocessor and microcontroller		
Monday, October 26, 2026	DSBSC Modulation and demodulation	10:00PM - 11:00PM	Date	Title	Timing
Tuesday, October 27, 2026	SSB SC Modulation and demodulation	10:00PM - 11:00PM	Monday, December 14, 2026	Microprocessor and microcontroller-1	3:30PM - 4:30PM

Wednesday, October 28, 2026	VSB modulation and demodulation	10:00PM - 11:00PM	Tuesday, December 15, 2026	Microprocessor and microcontroller-2	3:30PM - 4:30PM
Thursday, October 29, 2026	Practice Questions	10:00PM - 11:00PM	Wednesday, December 16, 2026	Microprocessor and microcontroller-3	3:30PM - 4:30PM
Friday, October 30, 2026	Introduction	10:00PM - 11:00PM	Thursday, December 17, 2026	Microprocessor and microcontroller-4	3:30PM - 4:30PM
Monday, November 2, 2026	Phase and frequency modulation parameters	10:00PM - 11:00PM	Friday, December 18, 2026	Microprocessor and microcontroller-5	3:30PM - 4:30PM
Tuesday, November 3, 2026	Modulation and demodulation techniques	10:00PM - 11:00PM	Monday, December 21, 2026	Microprocessor and microcontroller-6	3:30PM - 4:30PM
Wednesday, November 4, 2026	Recievers part-1	10:00PM - 11:00PM	Tuesday, December 22, 2026	Microprocessor and microcontroller-7	3:30PM - 4:30PM
Thursday, November 5, 2026	Recievers part-2	10:00PM - 11:00PM	Wednesday, December 23, 2026	Microprocessor and microcontroller-8	3:30PM - 4:30PM
Friday, November 6, 2026	Recievers part-3	10:00PM - 11:00PM	Thursday, December 24, 2026	Microprocessor and microcontroller-9	3:30PM - 4:30PM
Monday, November 9, 2026	Block Diagram of PCM	10:00PM - 11:00PM	Friday, December 25, 2026	Microprocessor and microcontroller-10	3:30PM - 4:30PM
Tuesday, November 10, 2026	Sampling criteria	10:00PM - 11:00PM	Ashish Sir : Electronic Components and Material		
Wednesday, November 11, 2026	Quantization	10:00PM - 11:00PM	Date	Title	Timing
Thursday, November 12, 2026	Intersymbol interference	10:00PM - 11:00PM	Thursday, November 26, 2026	ECM-1	3:30PM - 4:30PM
Friday, November 13, 2026	Frequency division multiplexing	10:00PM - 11:00PM	Friday, November 27, 2026	ECM-2	3:30PM - 4:30PM
Monday, November 16, 2026	Time division multiplexing	10:00PM - 11:00PM	Monday, November 30, 2026	ECM-3	3:30PM - 4:30PM
Tuesday, November 17, 2026	Wave Propagation - 1	10:00PM - 11:00PM	Tuesday, December 1, 2026	ECM-4	3:30PM - 4:30PM
Wednesday, November 18, 2026	Wave Propagation - 2	10:00PM - 11:00PM	Wednesday, December 2, 2026	ECM-5	3:30PM - 4:30PM
Thursday, November 19, 2026	Equivalent Circuit of TL	10:00PM - 11:00PM	Thursday, December 3, 2026	ECM-6	3:30PM - 4:30PM
Friday, November 20, 2026	Lossless and distortionless TL	10:00PM - 11:00PM	Friday, December 4, 2026	ECM-7	3:30PM - 4:30PM
Monday, November 23, 2026	Input impedance of TL	10:00PM - 11:00PM	Monday, December 7, 2026	ECM-8	3:30PM - 4:30PM
Tuesday, November 24, 2026	Reflection coefficient and VSWR	10:00PM - 11:00PM	Tuesday, December 8, 2026	ECM-9	3:30PM - 4:30PM
Wednesday, November 25, 2026	Practice Questions	10:00PM - 11:00PM	Wednesday, December 9, 2026	ECM-10	3:30PM - 4:30PM
Thursday, November 26, 2026	Smith Chart	10:00PM - 11:00PM			
Friday, November 27, 2026	Radar range equation	10:00PM - 11:00PM			

Monday, November 30, 2026	Satellite Communication - 1	10:00PM - 11:00PM			
Tuesday, December 1, 2026	Satellite Communication - 2	10:00PM - 11:00PM			
Wednesday, December 2, 2026	Cellular Communication - 1	10:00PM - 11:00PM			
Thursday, December 3, 2026	Cellular Communication - 2	10:00PM - 11:00PM			

