

Measurement and instrumentation

Date	Topic	Timing
Recorded	Methods of measurements, type of instruments	Recorded
Recorded	Basic Characteristics of an Instrument & Error Analysis	Recorded
Recorded	Types of Deflection, Damping and Controlling Torque	Recorded
Recorded	classification of analog instruments, mcq	Recorded
Recorded	Basic Galvanometer, PMMC & MI instruments	Recorded
Recorded	Electrodynamometer instruments	Recorded
Recorded	Thermal instruments electrostatic instruments rectifier type	Recorded
Recorded	Requirement of Range Extension and Basic DC Ammeter & Voltmeter	Recorded
Recorded	Loading Effect Due to Voltmeter Resistance	Recorded
Recorded	Property , materials, measurements of low resistance	Recorded
Recorded	Measurements of medium resistance	Recorded
Recorded	Measurements of high resistance	Recorded
Recorded	Measurements of inductance-1	Recorded
Recorded	Measurements of inductance-2	Recorded
Recorded	Capacitance and special bridges	Recorded
Recorded	DC and AC power, introduction to wattmeter	Recorded
Recorded	Blondel theorem , two WM method, Single WM method	Recorded
Recorded	Errors in Wattmeter	Recorded
Recorded	Induction Type Energy Meter	Recorded
Recorded	Measurement of Frequency	Recorded
Recorded	Measurement of Power Factor	Recorded
Recorded	Basics and construction of CRO	Recorded

Recorded	Measurement of phase and frequency	Recorded
Recorded	Operation modes of CRO and Special CRO	Recorded
Recorded	AC Potentiometers	Recorded
Recorded	Basic Potentiometer Circuit & Crompton's Potentiometer Circuit	Recorded
Recorded	Introduction and classification	Recorded
Recorded	Strain gauges, LVDT, RTD, thermistor and pyrometer	Recorded
Recorded	Construction, principle, application of Q-meter	Recorded
Recorded	CT & PT and Burden of Instrument Transformer	Recorded
Recorded	basic of DVM and its Extension, Type of DVM	Recorded
Recorded	basic of Electronic AC Voltmeter and its principle operation	Recorded
Recorded	Type of Electronic AC Voltmeters	Recorded
Recorded	Live doubt and miscellaneous-1	Recorded
Recorded	Live doubt and miscellaneous-2	Recorded
Recorded	Live doubt and miscellaneous-3	Recorded

END OF SUBJECT

Digital Electronics

Date	Topic	Timing
Recorded	Orientation	Recorded
Recorded	Introduction to Number systems	Recorded
Recorded	Addition in different base	Recorded
Recorded	Subtraction in Different Base	Recorded
Recorded	Complements	Recorded
Recorded	Interconversions part-1	Recorded
Recorded	Interconversions part-2	Recorded

Recorded	Binary Codes,BCD	Recorded
Recorded	Excess-3 and Gray Codes	Recorded
Recorded	Practice Questions	Recorded
Recorded	Axioms and Operations	Recorded
Recorded	Laws of Boolean Algebra	Recorded
Recorded	SOP and POS representation part-1	Recorded
Recorded	SOP and POS representation part-2	Recorded
Recorded	Basic Gates	Recorded
Recorded	Special Gates	Recorded
Recorded	Universal Gates	Recorded
Recorded	Circuits of Gates	Recorded
Recorded	Adders	Recorded
Recorded	Subtractors	Recorded
Recorded	Multiplexers part-1	Recorded
Recorded	Multiplexers part-2	Recorded
Recorded	Demultiplexers and Decoders	Recorded
Recorded	Practice Questions	Recorded
Recorded	Introduction to flip flops	Recorded
Recorded	Different types of Flip flops	Recorded
Recorded	Counters Basics	Recorded
Recorded	Counters Basics	Recorded
Recorded	Practice Questions	Recorded
Recorded	A/D Convertors	Recorded
Recorded	D/A Convertors	Recorded
Recorded	Practice Questions	Recorded
Recorded	Memories	Recorded

Power Electronics		
Date	Title	Time
Recorded	Power Electronics -1	Recorded
Recorded	Power Electronics -2	Recorded
Recorded	Power Electronics -3	Recorded
Recorded	Power Electronics -4	Recorded
Recorded	Power Electronics -5	Recorded
Recorded	Power Electronics -6	Recorded
Recorded	Power Electronics -7	Recorded
Recorded	Power Electronics -8	Recorded
Recorded	Power Electronics -9	Recorded
Recorded	Power Electronics -10	Recorded
Recorded	Power Electronics -11	Recorded
Recorded	Power Electronics -12	Recorded
Recorded	Power Electronics -13	Recorded
Recorded	Power Electronics -14	Recorded
Recorded	Power Electronics -15	Recorded
Recorded	Power Electronics -16	Recorded
Recorded	Power Electronics -17	Recorded
Recorded	Power Electronics -18	Recorded