

Program:

The lecture covers the basics of electrical engineering, electronics and metrology. These are the basics of the circuit, classification of signals, output voltage and current circuits of DC and AC circuits RLC vector diagrams (phasor) diode circuits, magnetic circuits, three-phase transformers. electrical machinery, transistors (models and simple layouts), operational amplifiers, feedback, generator, gates and digital combination logic, sequential circuits, timers, A / D and D / A, telecommunications base, measuring systems, detectors, measuring instruments and measurement.