## SUBJECT NO-PH31009, SUBJECT NAME- ELECTRONICS FOR PHYSICISTS

LTP- 3-0-0,CRD- 3

## SYLLABUS :-

Design of power supply: low Voltage, high Voltage, low current and high current; high frequency, low frequency amplifiers and oscillators; phase locked circuits and lock-in amplifiers; measurement of low-noise signals; linear and non-linear analog Circuits; Integrated Circuit (IC) technology; digital instrumentation, physical measurements: counters, ADC, DAC; microprocessors and computers.