SUBJECT NO-PH39003, SUBJECT NAME- ELECTRONICS LAB.

LTP- 0-0-3,CRD- 2

SYLLABUS :-

1. Designing of a voltage discriminator using IC741.2. D1. Designing of a voltage discriminator using IC741.2. Designing of frequency to voltage converter using IC741.3. Designing of r-c oscillators : (a) Wien bridge oscillator (b) phase shift oscillator (c) quadrature oscillator.4. Study of phase locked loop.5. Designing of electronic voltmeter and ammeter using IC741.6. Designing of l-c oscillators. (a) Hartley oscillator (b) Colpitt s oscillator.7. Study of timers and multivibrators: (a) astable (b) monostable.8. Designing of a instrumentation amplifier using IC741.9. Study of negative feedback circuits using IC741.10. Microprocessor based experiments (Z80, 8086, 8088, 286, 386),11. Experiments with digital circuits.12. Designing of Filters.13. Study of transients using 555 timer.14. Study of four-probe resistivity of a Germanium crystal.esigning of frequency to voltage converter using IC741.3. Designing of r-c oscillators : (a) Wien bridge oscillator (b) phase shift oscillator (c) quadrature oscillator.4. Study of phase locked loop.5. Designing of electronic voltmeter