

Syllabus:-

Unit - 1:- SI units, Basic circuit elements, voltage and current sources, Ohm law's, Kirchhoff law, Resistive network Voltage and current division.

Unit - 2:- DC power supply.

Unit - 3:- Basic BJT circuits, OP-AMP (Operation - Amplifier)

Unit - 4:- Filters

Unit - 5:- OP-AMP Comparators.

Unit - 6:- Analog to Digital & Digital to Analog Converters.

Text book:-

→ Micro electronic circuits theory & Applications by
- Sedra and Smith.

Mid SEM 1 - 20%.

Mid SEM 2 - 20%.

End SEM - 30%.

Lab exam - 20%.

Assignments - 10%.

LG's Pice