

SECOND YEAR

Electronic Circuits II	COE211
Prerequisite : COE201	(3-2-0-2)

Multistage amplifier: Analysis of multistage amplifiers (voltage gain, current gain, etc.), and types of multistage amplifiers (cascade....etc.). Tuned amplifiers: Transformer- coupled amplifiers; signal- tuned, and tapped and double tuned amplifiers. Introduction to four-layer devices: Description and operation of silicon control rectifier, disc, thyristor, GTO, and triac. Feedback Amplifier, Op-Amp and Application.

Practical part: Transistor Characteristics. Transistor Amplifier Circuits (Single and multistage). FET Characteristics. FET Amplifier Circuits (Single and multistage).