

31/3/16

AEC Seminar topics

39

① MOSFET POWER Amplifier:-

In power amplifiers the use of mosfet is more advantageous than the use of transistor. Due to this mosfet power amplifiers have less output distortion than transistor amplifiers.

In practical transistor amplifiers (small) value of emitter resistance is connected to avoid thermal runaway. But due to this connection there is wasted power dissipation in the emitter resistors. Therefore the emitter resistor used with a transistor output stage is not required in mosfet amplifier. there by saving wasted power dissipated in the emitter resistor.

