

UNIT-2>>MULTISTAGE AMPLIFIERS

CLASS>>II_{ND} YEAR, IV SEM

SUBJECT-ANALOG CIRCUITS

PAPER-CODE>>BT-402

LECTURE-NO>>2.10

TOPIC>>POWER EFFECIENCY OF CLASS C

Amplifier

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POWER EFFECIENCY OF CLASS C

:-

In class C amplifier, the transistor is biased such that it remains OFF for no-signal conditions and operates in the saturation region when an input signal is present.

Therefore, in the class C amplifier, as the

transistor dissipates less power, its efficiency is higher than that of the class A amplifier.