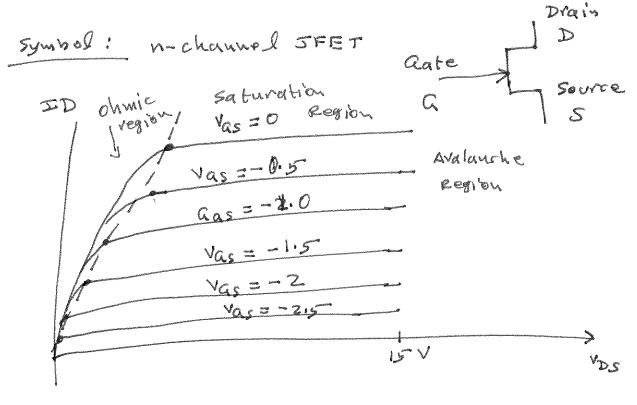
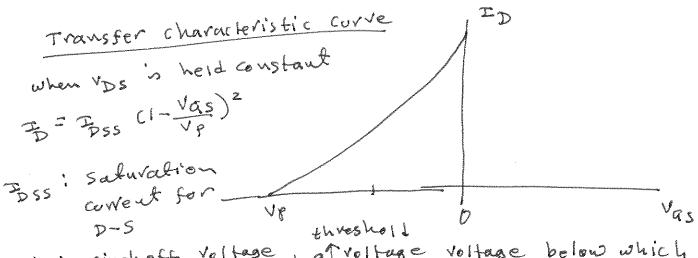
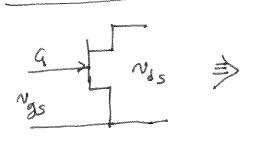
## Experiment 8 The Field Effect Transistor

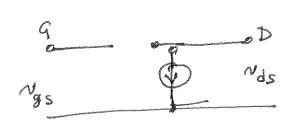




Up: pinchoff voltage, atvoltage voltage below which the transistor turns off.

(





0 SFET: G= 9 ~ 7 gs

: voltage-controlled awwelfiers

o BJT 1 ic = keib

correct-controlled awest amplifie

set vos = 10 V **8** = 0

No = 2 V P-P

aain = No Qc = Vi

474 LO IC poteutionate.

constant cowent source

Here/ Vas =0

VD= FBZ+Vas

FRL = VDD - Vas

= VDD - Vas

To will remain almost constant over a wide range of load resistance.