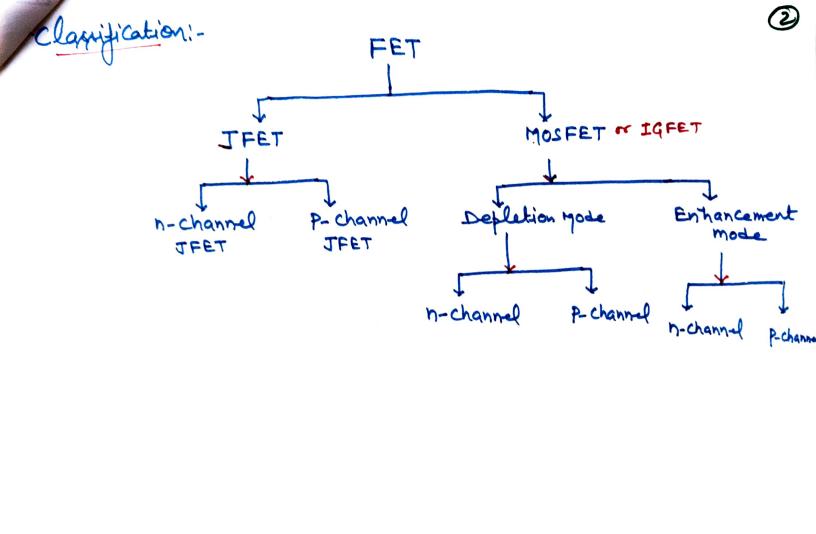
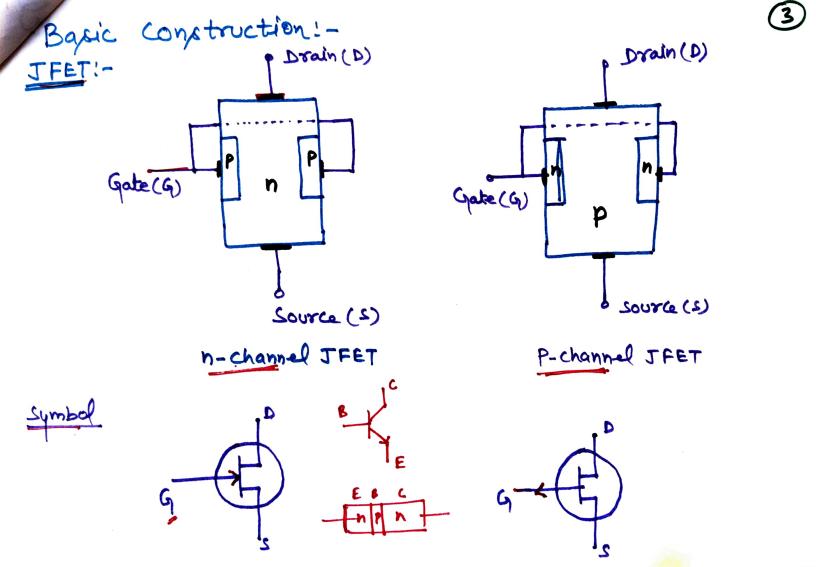
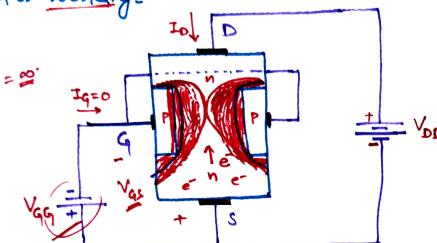


Field Effect Transitor (FET):-



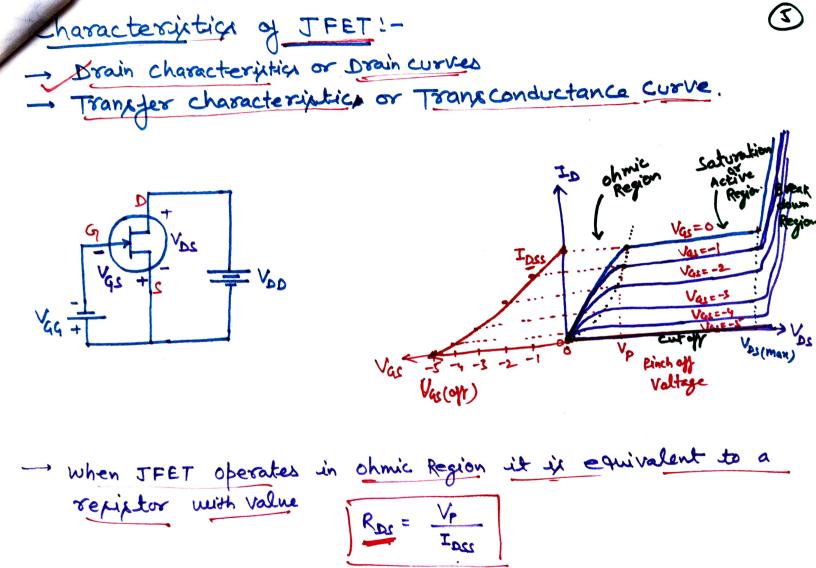




-> we always kept Gate-source diode in Reverse bias.

- The more negative the Gate voltage, the smaller the current between the source and drain

-- Therefore IFET is called as a voltage controlled device



Transfer characteristic !-Vascoff) The curve is non-linear because the current faster when Vas approaches to zero

The equation for this graph is $I_D = I_{DSS} \left(1 - \frac{V_{QS}}{V_A}\right)^2$

JEET in colled square law device.