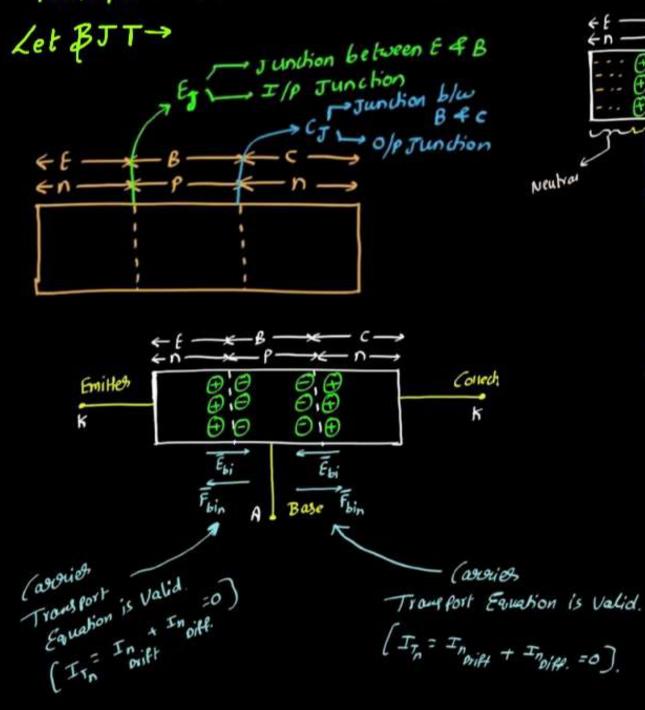
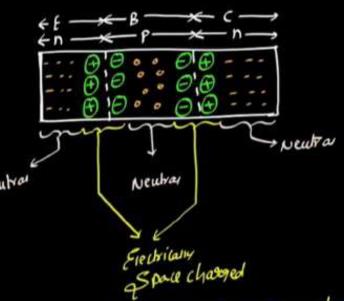
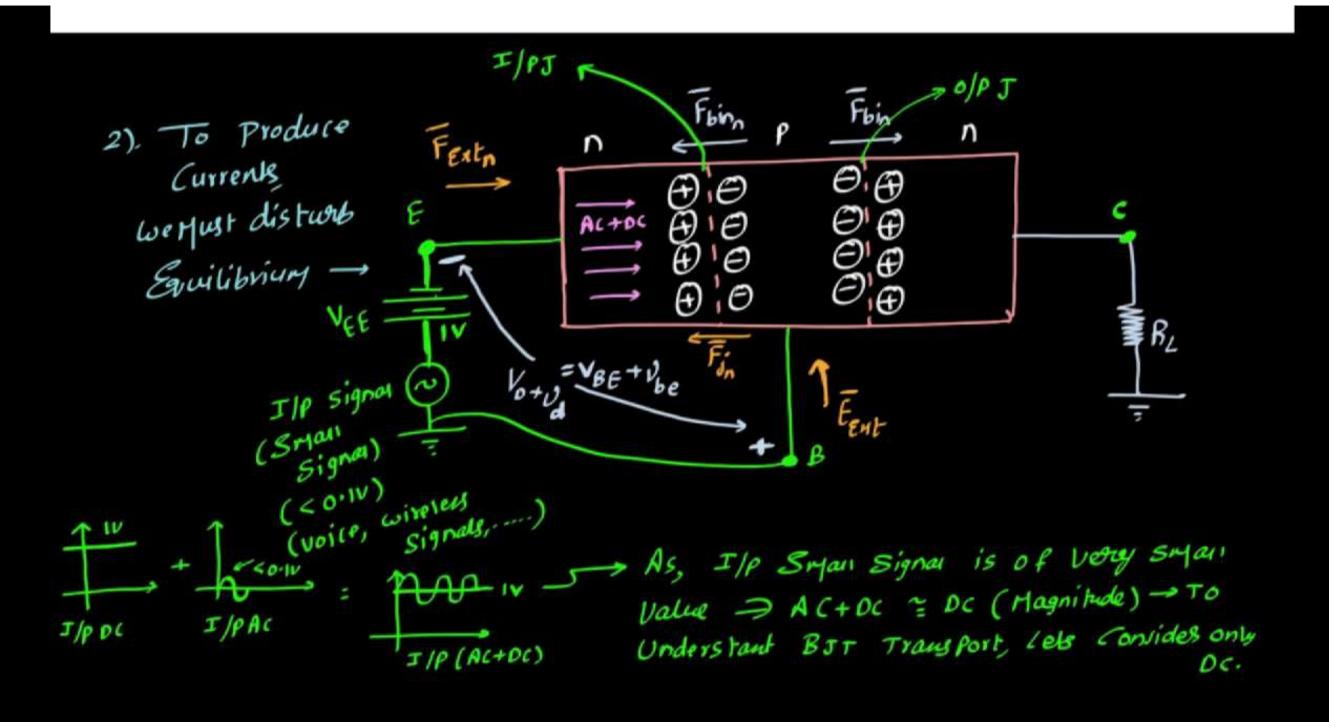
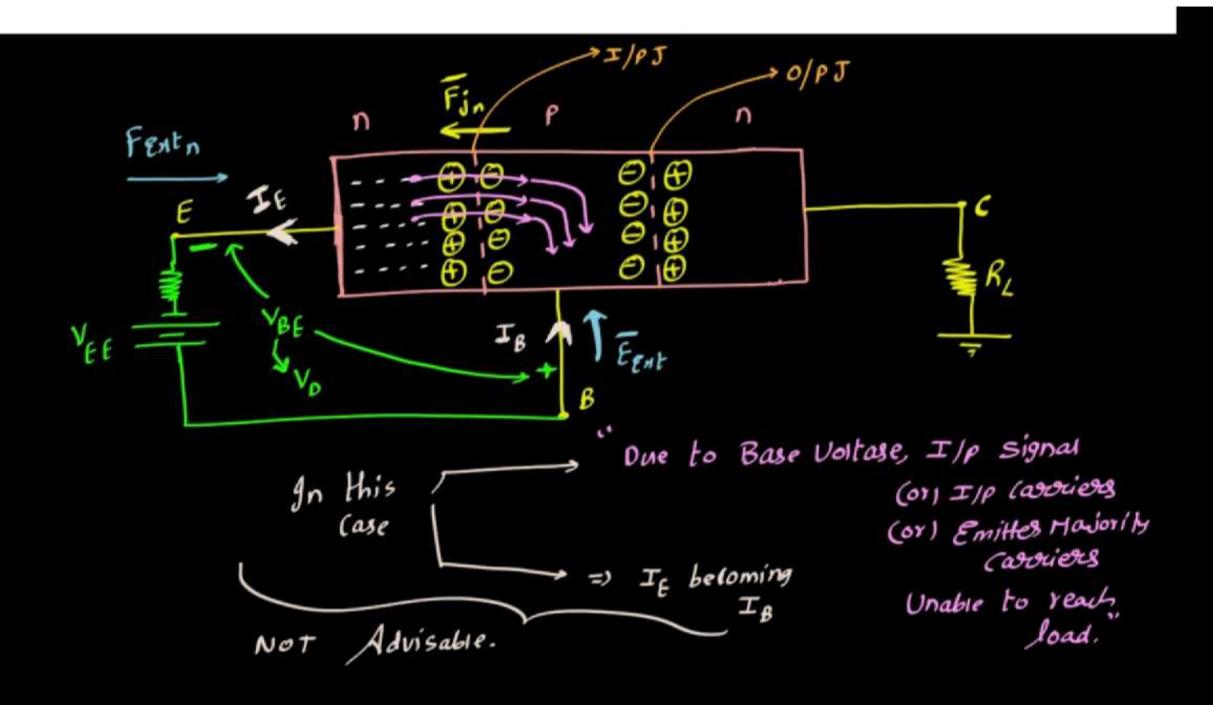
## Principle behind Low Level injection ->

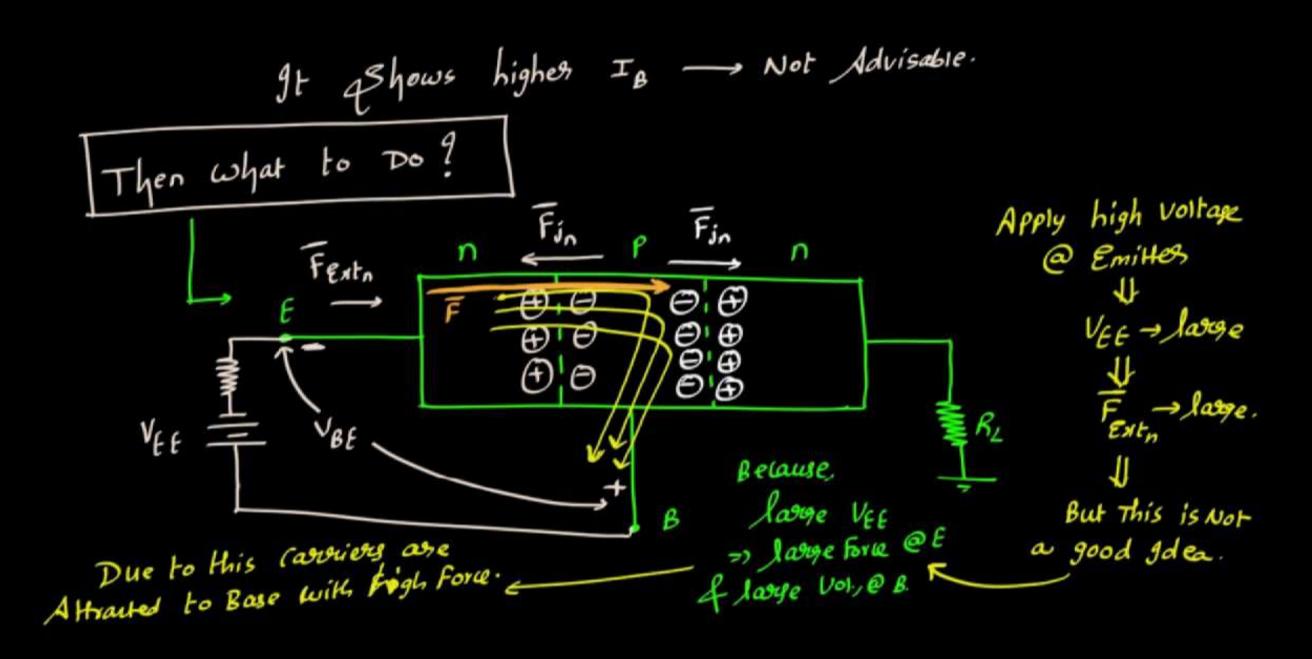


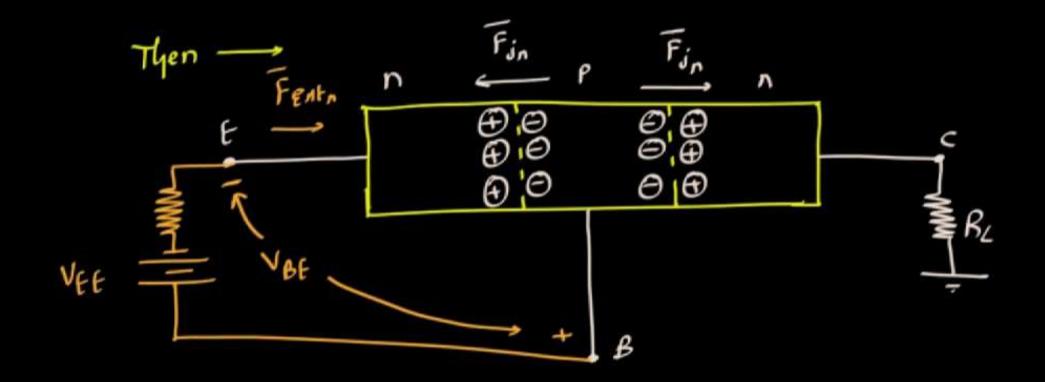


- =) There are two Space charge gregions
- > BJT has Two Capacitances.
- =) It Support Two Electric field Profiles.



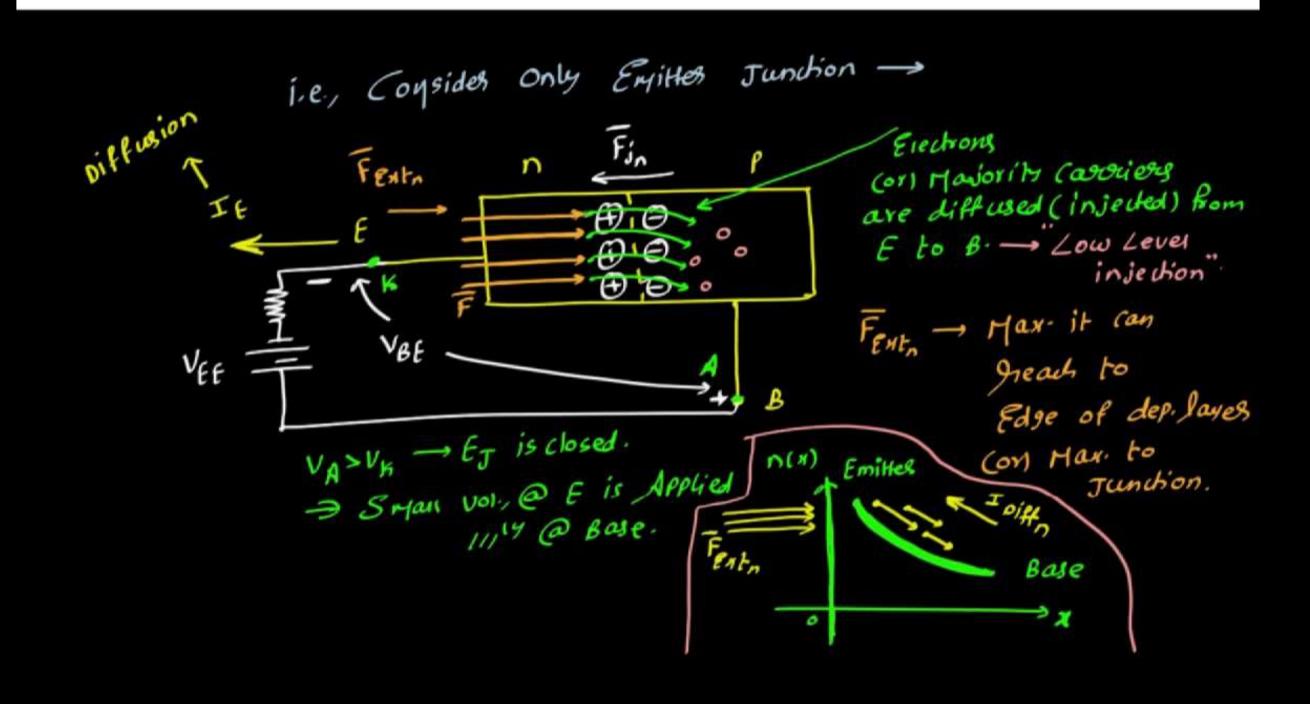


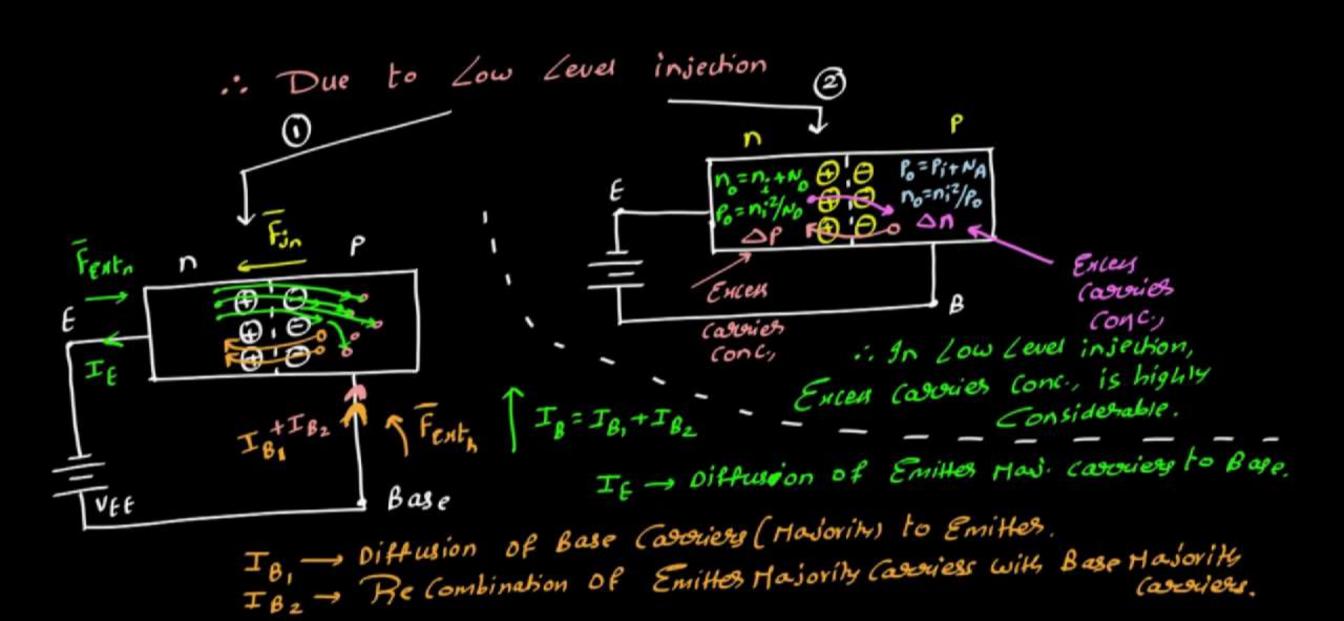


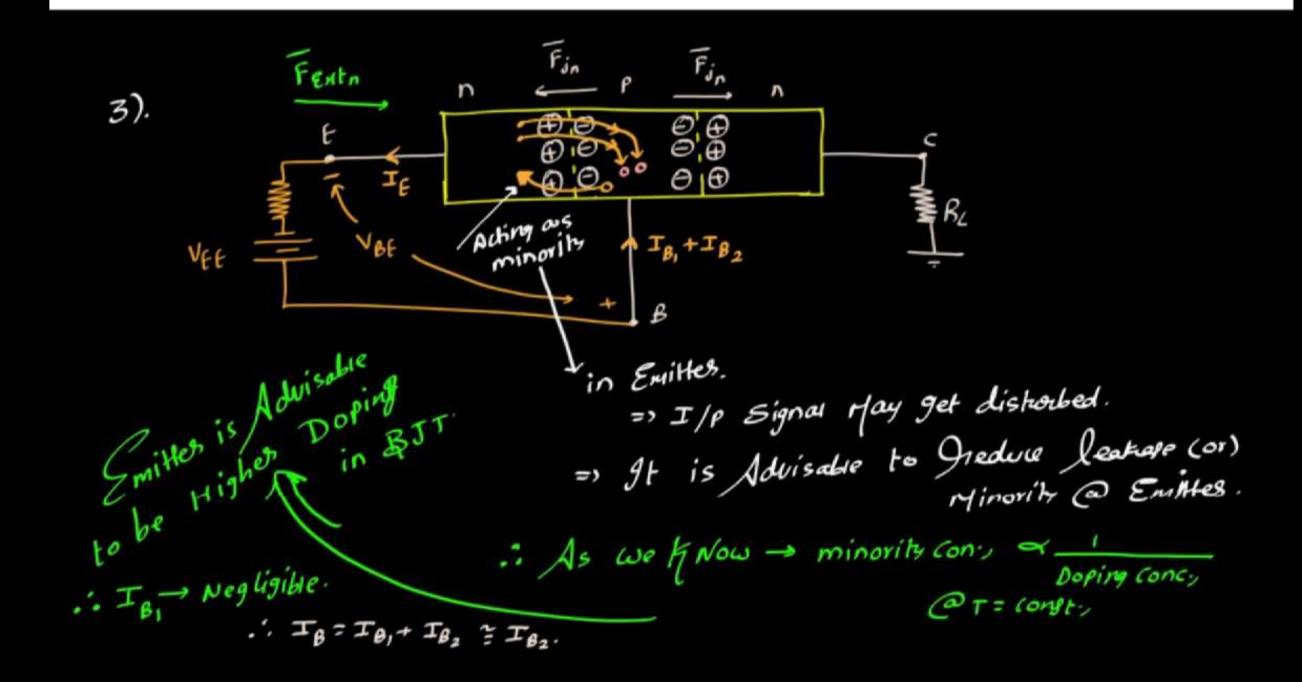


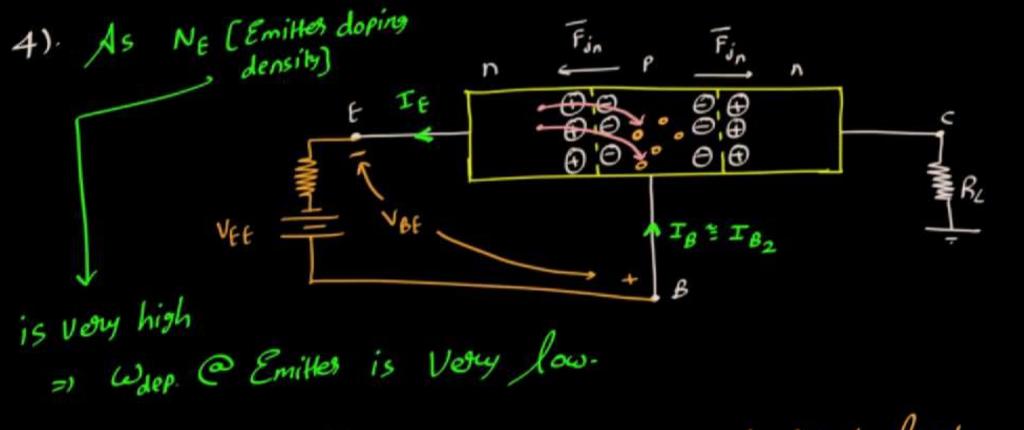
.. Don't Apply lawer voltage @ Emitter ? VEE - Hust be Small.

as well as @ Baje. I Due to VEE, if Ej is closed, that is Enough.





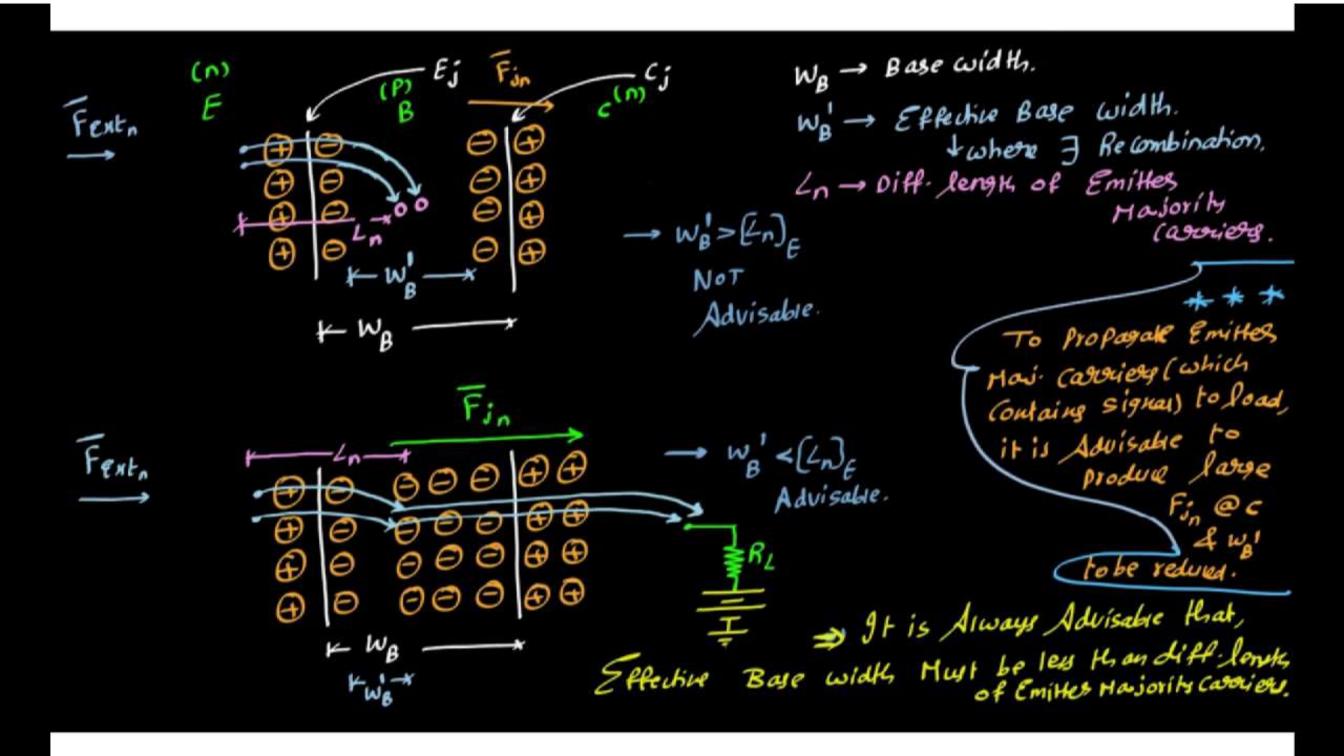


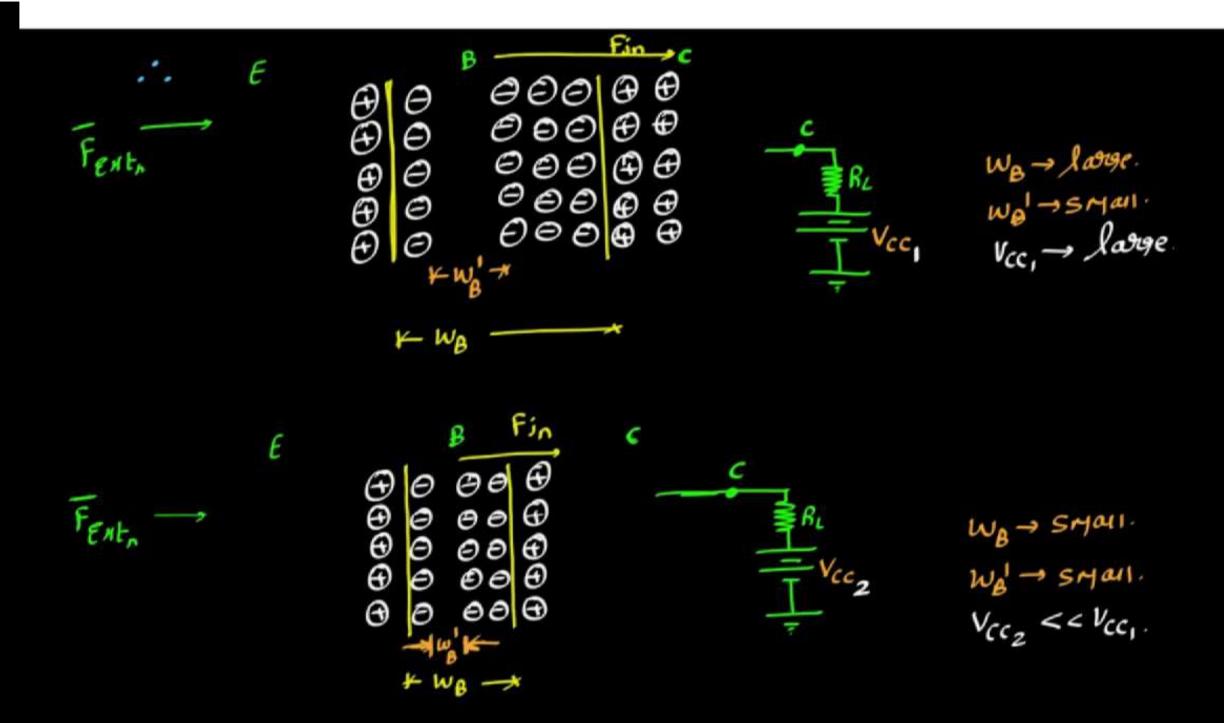


But I/P Signal Unable to Yeard load.

[due to low level insection].

[How to Solve this issue 9





It ashows that, for smaller to medium Vcc voitage Applications (i.e., Smallers to Medium Grains) - Advisable We to be Smallers. But for large gains (or) larges Va Applications, Advisable WB - to be lange. But For Amplification WB' Hust to be SMall. (WB' < (Lp) F) For npn. (WB' < (Lp) F) for pnp.

