



# SNS COLLEGE OF TECHNOLOGY

(An Autonomous Institution)  
COIMBATORE-35

Accredited by NBA-AICTE and Accredited by NAAC – UGC with A++ Grade  
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai



## 23EET104 / ANALOG ELECTRONICS CIRCUITS I YEAR / II SEMESTER

### UNIT-III: TRANSISTOR AMPLIFIER

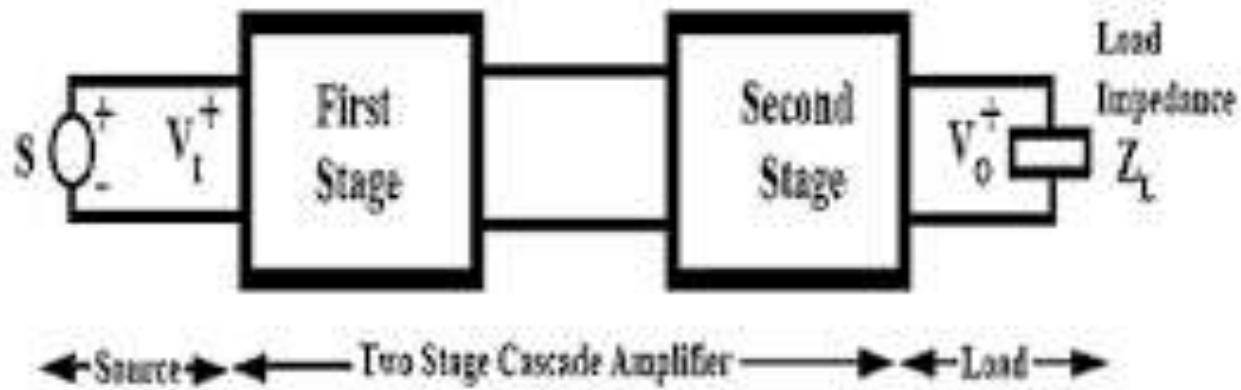
### CASCADE AND DARLINGTON PAIR





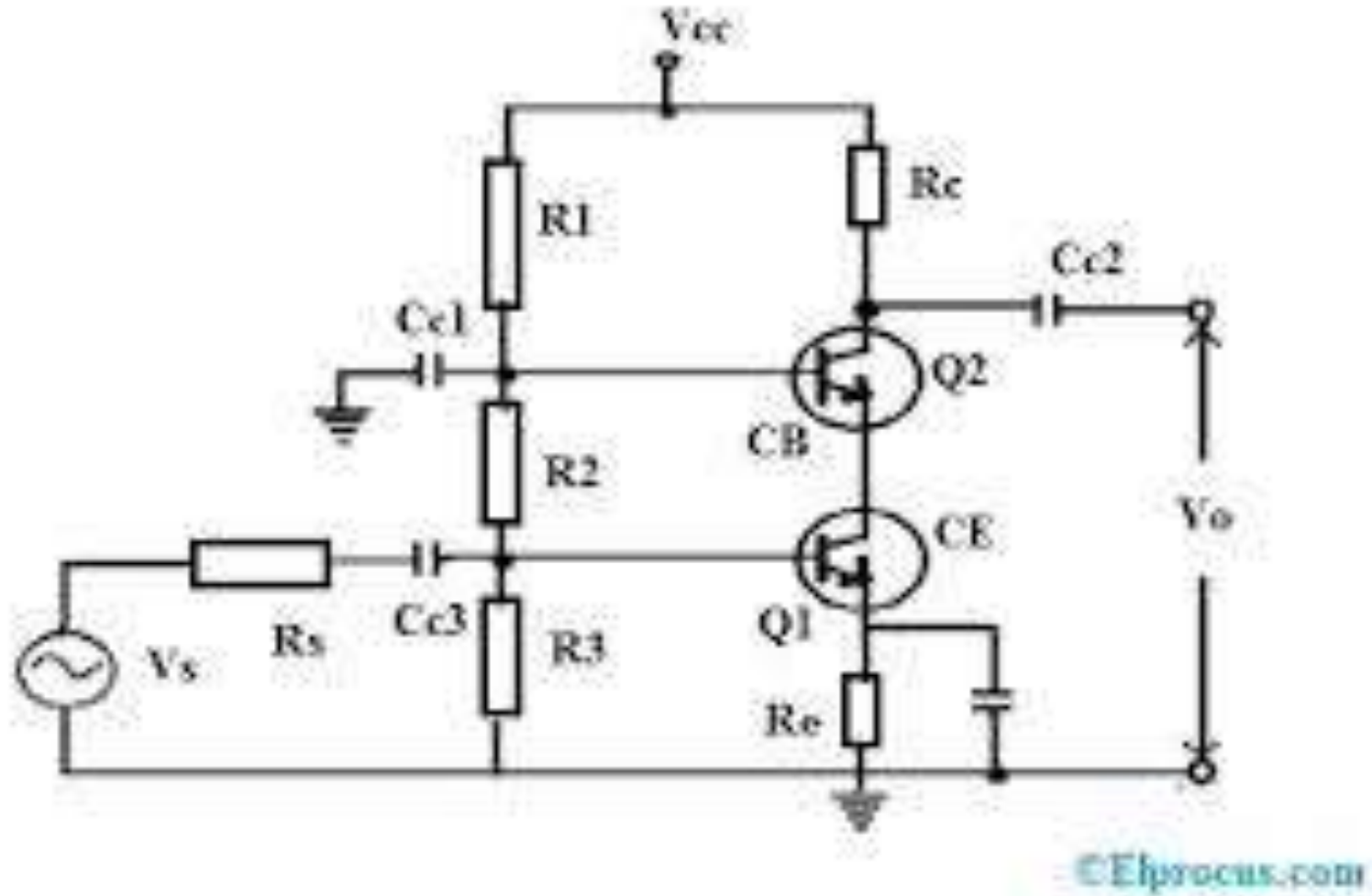
# CASCADE AMPLIFIER

It is a Multi stage Amplifier with direct coupling





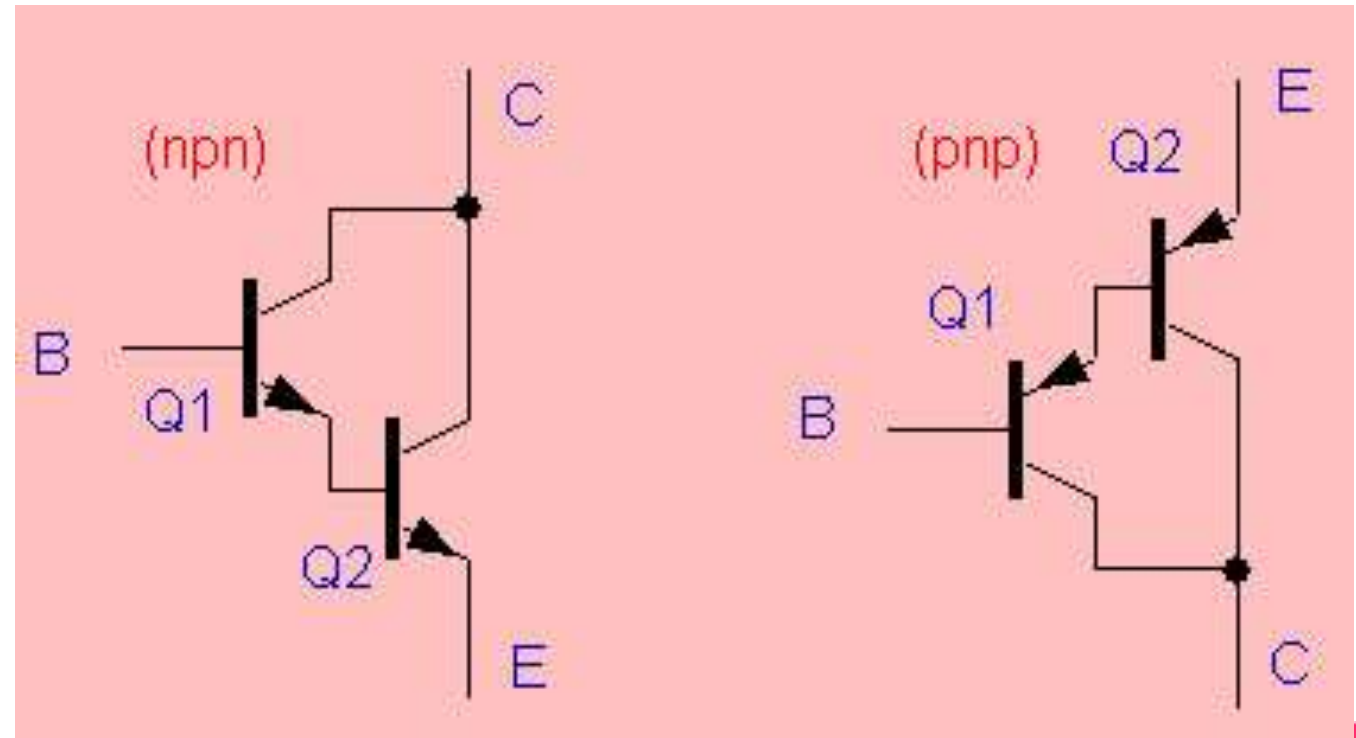
# CASCADE AMPLIFIER





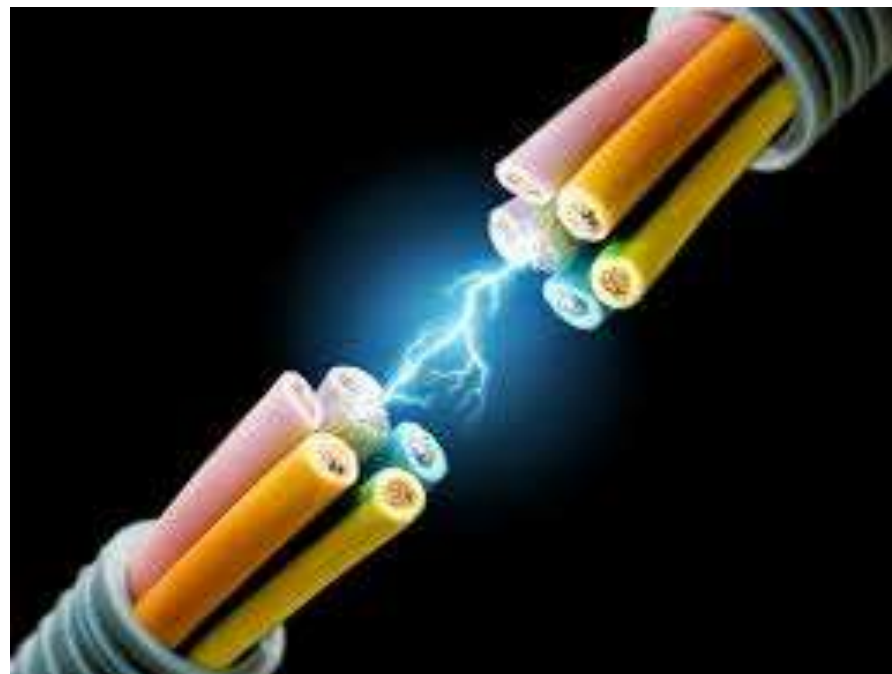
# Darlington Connection

- A circuit consisting of two bipolar junction transistors (BJTs) connected in a specific configuration to achieve high current gain.
- Used for current amplification .





# RECAP....



# ...THANK YOU

