



Shri Shivaji Education Society Amravati's  
**SCIENCE COLLEGE,**  
CONGRESS NAGAR, NAGPUR



## Department of Electronics Photographs



Coordinator Room & Staff Room

## ELECTRONICS LABORATORY



Students of BSc Final Year

# ELECTRONICS LABORATORY











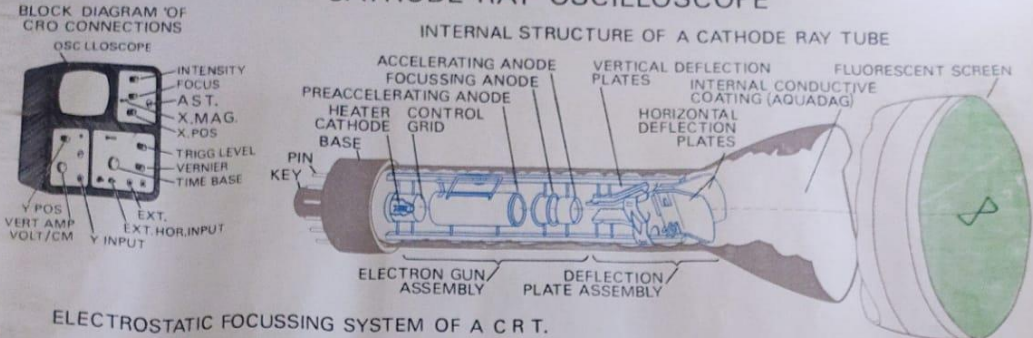




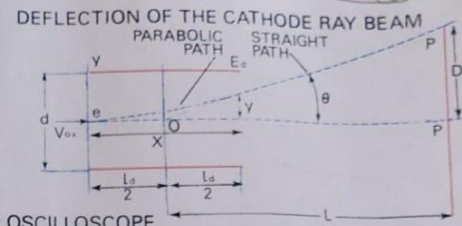
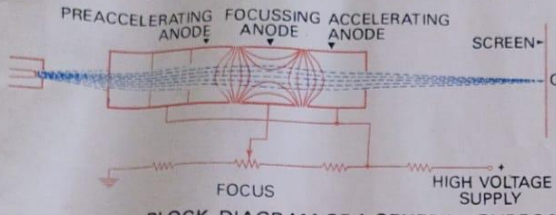


# Charts

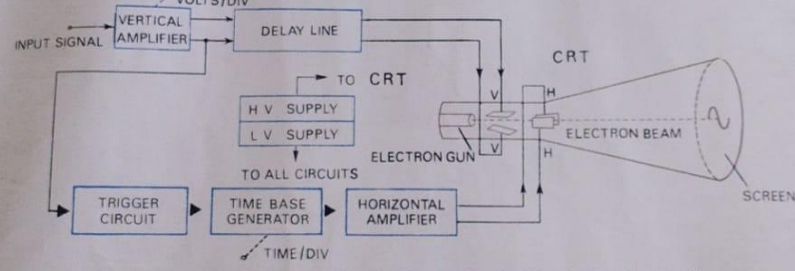
## CATHODE RAY OSCILLOSCOPE



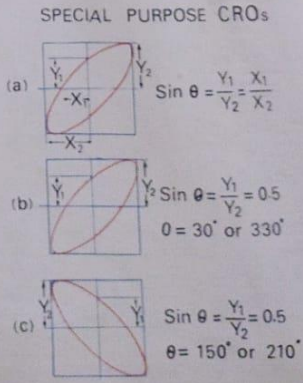
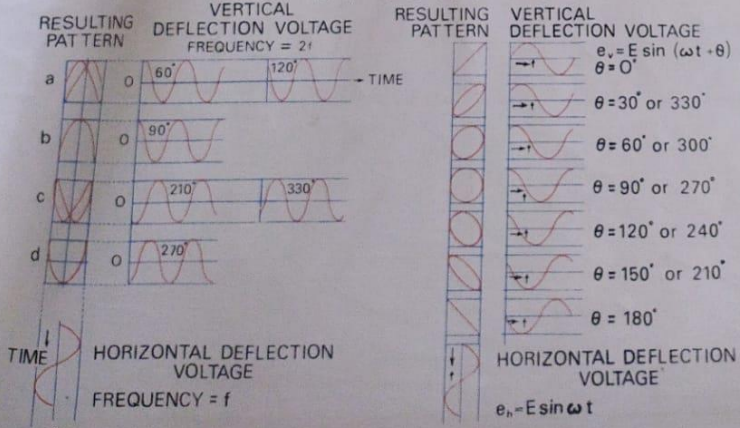
### ELECTROSTATIC FOCUSING SYSTEM OF A CRT.



### BLOCK DIAGRAM OF A GENERAL PURPOSE OSCILLOSCOPE

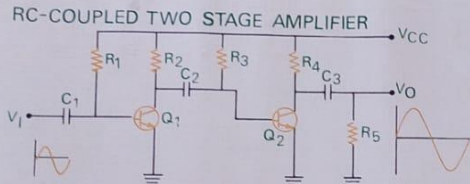
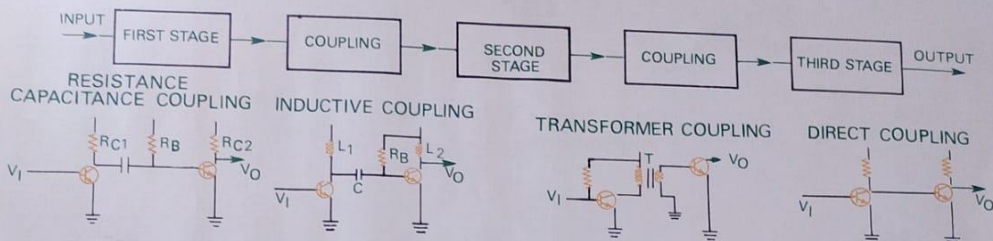


### LISSAJOUS PATTERNS

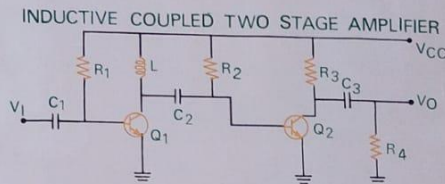
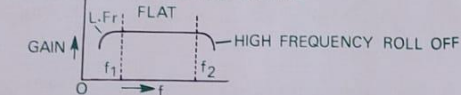




## AMPLIFIERS : MULTISTAGE

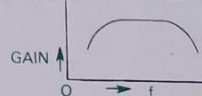


RC-COUPLED TWO STAGE AMPLIFIER

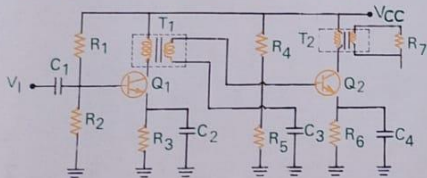


INDUCTIVE COUPLED TWO STAGE AMPLIFIER

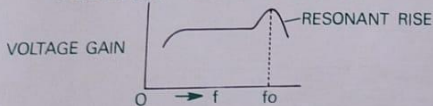
FREQUENCY RESPONSE CURVE



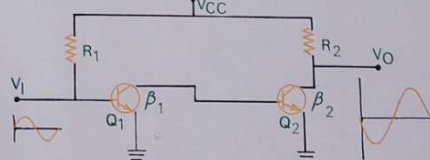
TRANSFORMER COUPLED TWO STAGE AMPLIFIER



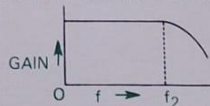
FREQUENCY RESPONSE CURVE



DIRECT COUPLED TWO STAGE AMPLIFIER

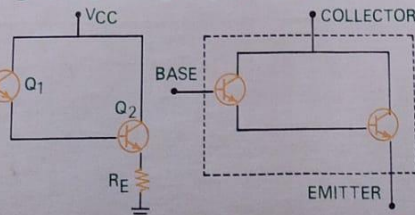


FREQUENCY RESPONSE CURVE



### DARLINGTON PAIR

A PAIR OF SIMILAR TRANSISTORS WHERE EMITTER CURRENT OF  $Q_1$  BECOMES THE CURRENT OF  $Q_2$ .



DARLINGTON PAIRS ARE COMMERCIALY MOUNTED IN A SINGLE PACKAGE THAT HAS ONLY THREE LEADS i.e. BASE, COLLECTOR & EMITTER. IT OFTEN FORMS A DOUBLE CC STAGE IN MULTISTAGE AMPLIFIERS.

**Dr. J. K. Keche**  
Signature of Coordinator  
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