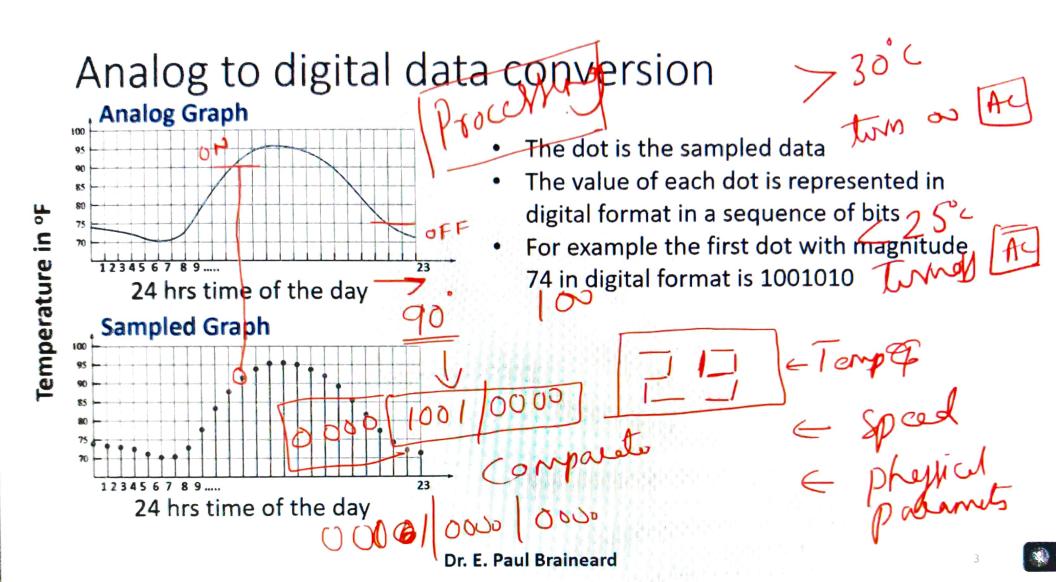
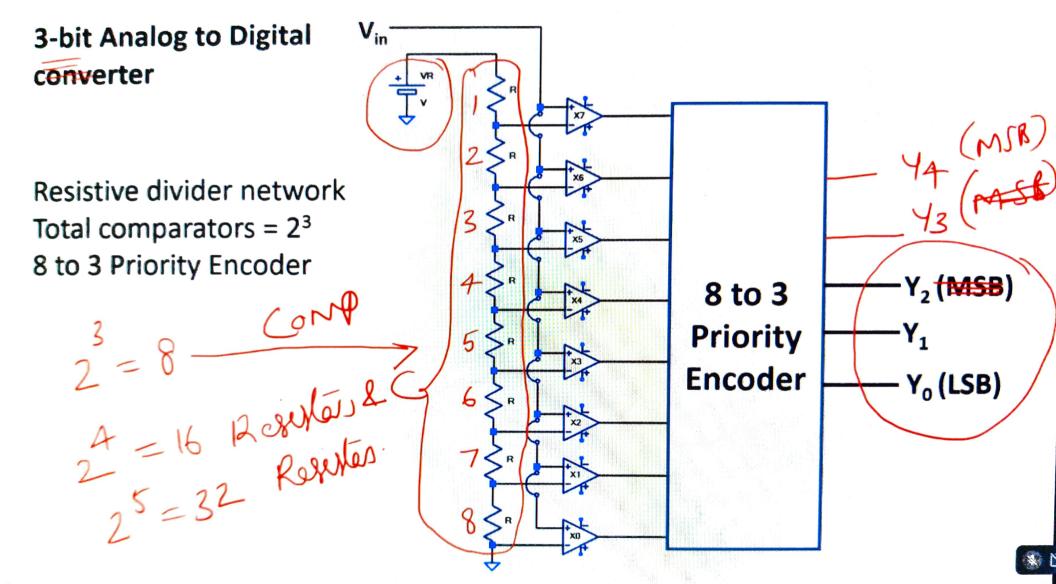
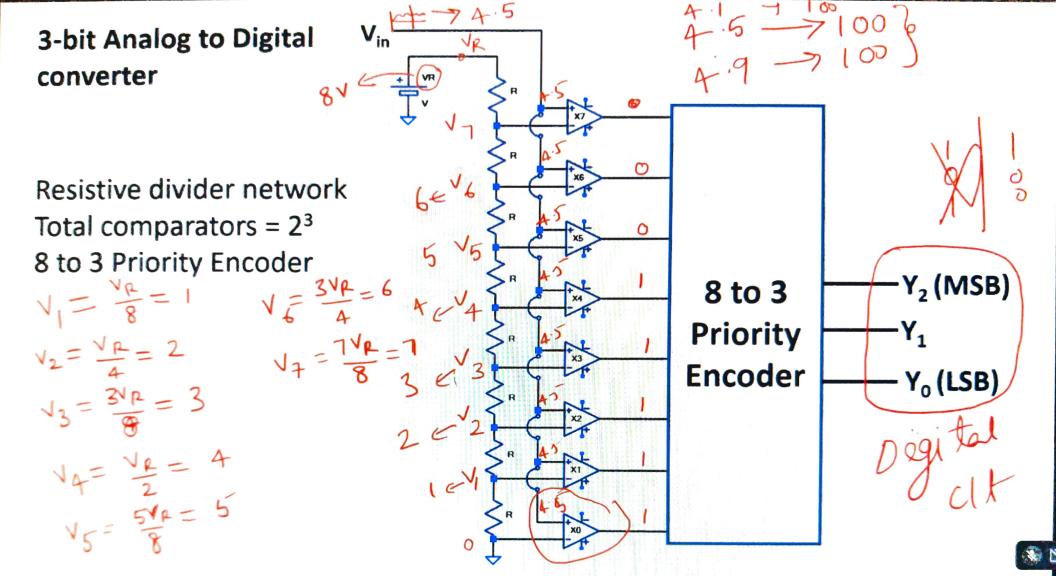
## ADC & DAC

g-mechanical-smicrophone (Deapheagm)-> Voltage workform - Digital - Amalog signal signal I Analog = transitud voltor 4 Sound wave (Speakes +







Input Voltage	<b>X</b> <sub>7</sub>	X <sub>6</sub>	X <sub>s</sub>	X <sub>4</sub>	<b>X</b> <sub>3</sub>	X <sub>2</sub>	X <sub>1</sub>	X <sub>0</sub>	Y <sub>2</sub>	Υ <sub>1</sub>	Yo
$0-\frac{V_R}{8}$	0	0	0	0	0	0	0	1	0	0	0
$\frac{V_R}{8} - \frac{V_R}{4}$	0	0	0	0	0	0	1	1	0	0	1
$\frac{V_R}{4} \frac{3V_R}{8}$	0	0	0	0	0	1	1	1	0	1	0
$\frac{3V_R}{8} \frac{V_R}{2}$	0	0	0	0	1	1	1	1	0	1	1
$\frac{V_R}{2} = \frac{5V_R}{8}$	0	0	0)	1	1	1	1	1	1	0	0
$\frac{5V_R}{8} - \frac{3V_R}{4}$	0	0	1	1	1	1	1	1	1	0	1
$\frac{3V_R}{4}$ $\frac{7V_R}{8}$	0	1	1	1	1	1	1	1	1	1	0
$\frac{7V_R}{8}$ - $V_R$	1	1	1	1	1	1	1	1	1	1	1

Ks t 2 and time