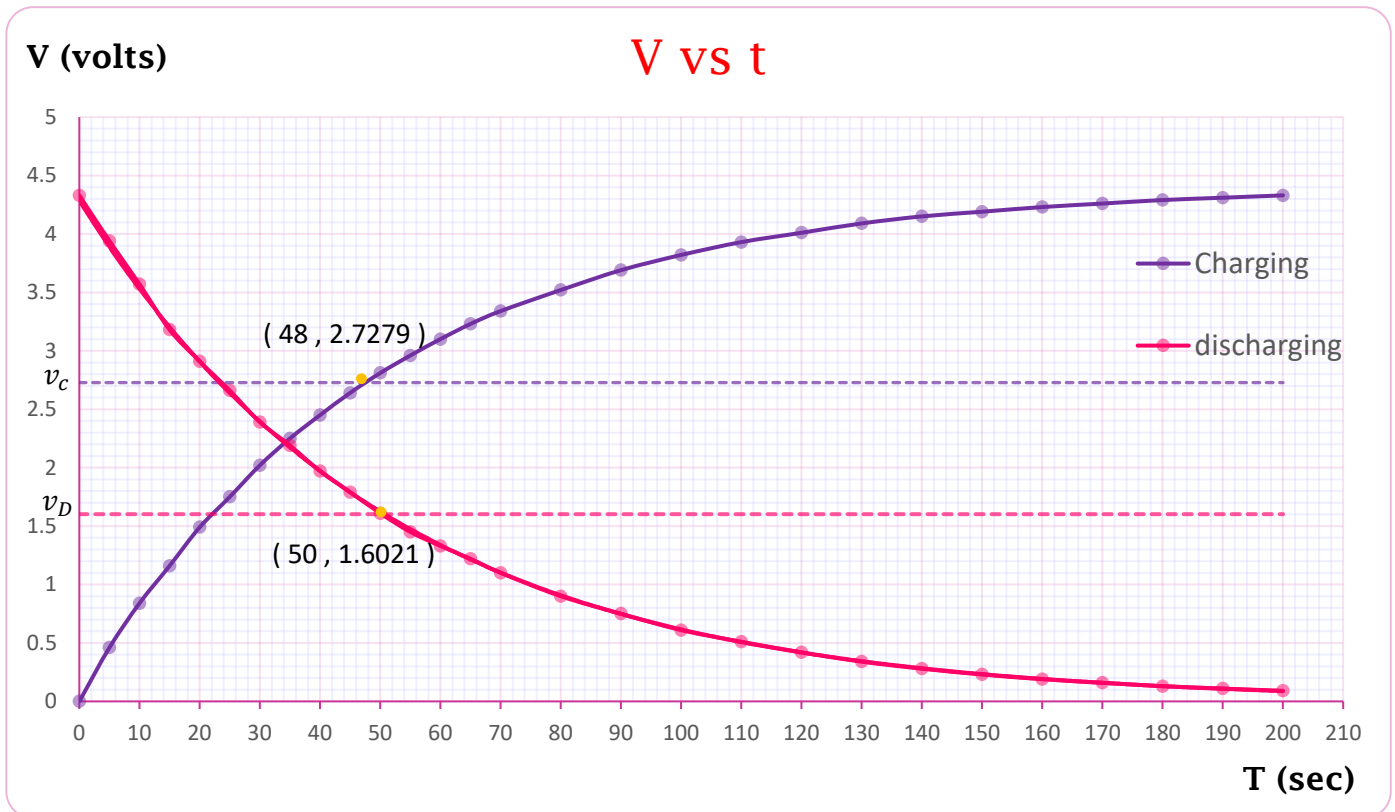


Exp.9: RC Circuit



$$\varepsilon_{max} = 4.33 \text{ volt}$$

$$v_c = 0.63 \cdot \varepsilon_{max} = 0.63(4.33) = 2.7279 \text{ volt}$$

$$v_D = 0.37 \cdot \varepsilon_{max} = 0.37(4.33) = 1.6021 \text{ volt}$$

$$\tau_c = 48 \text{ sec}$$

$$\tau_D = 50 \text{ sec}$$