

# DISCOVERY OF ELECTRON

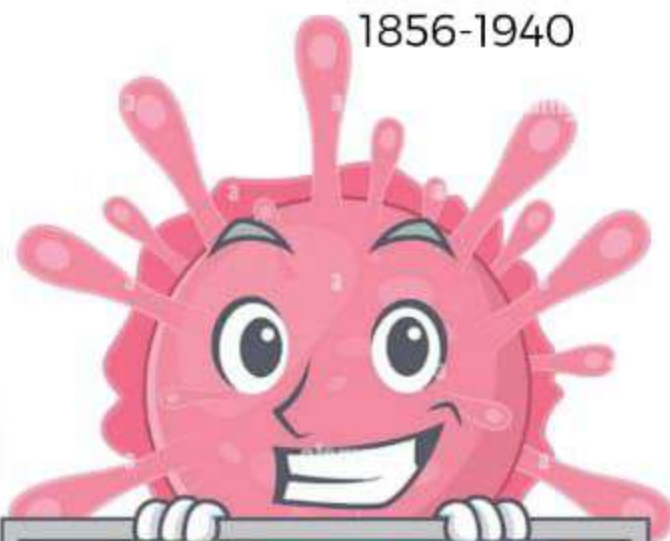
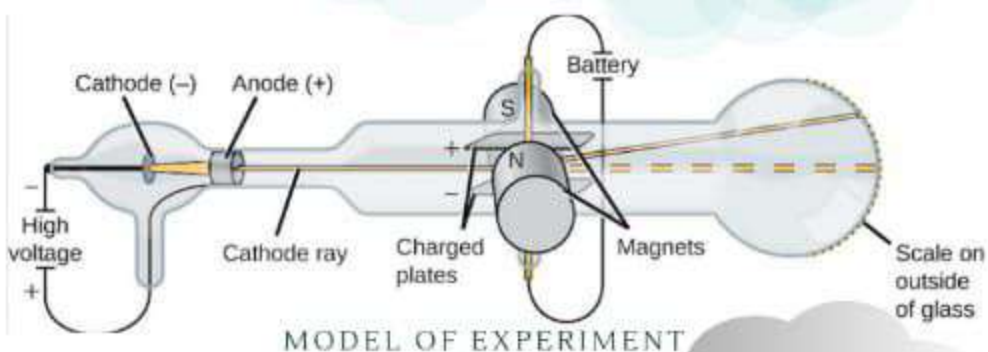


**30th April**

J.J. THOMPSON'S experiments(1897) with cathode ray tubes showed that all atoms contain tiny negatively charged subatomic particles or electrons. Thomson proposed the plum pudding model of the atom, which had negatively-charged electrons embedded within a positively-charged "soup."



1856-1940



**Charge:  $-1.60217663 \times 10^{-19}$  coulombs**  
**Mass:  $-9.1093837 \times 10^{-31}$  kilograms**



**DON'T THINK LIKE ME, BE POSITIVE!**



**Proton gives an atom its identity, electron its personality.**