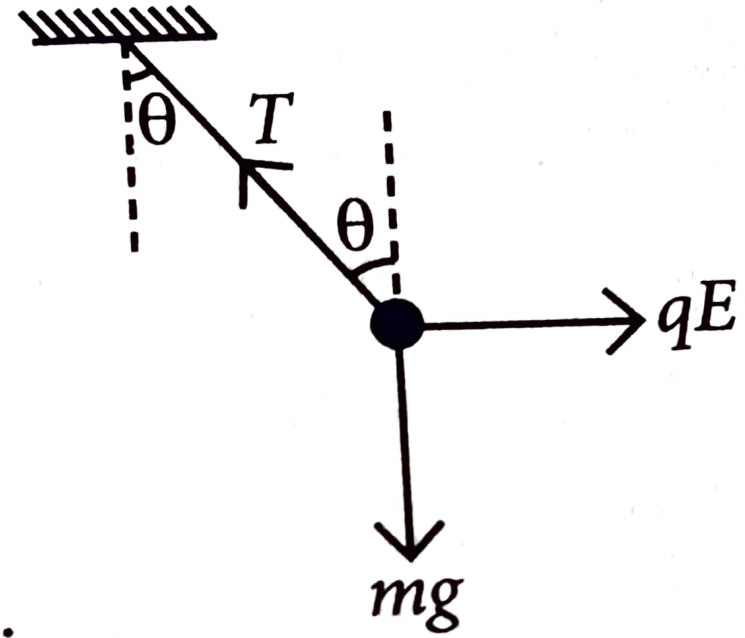
The forces acting on the bob are its weight and the force due to field.



At equilibrium,

$T\cos\theta = mg$ ...(i)

and $T\sin\theta = qE$ ...(ii)

Dividing (ii) by (i), $\tan\theta = \dfrac{qE}{mg}$

$$\Rightarrow \quad \theta = \tan^{-1}\left(\frac{5\times10^{-6}\times2\times10^{3}}{2\times10^{-3}\times10}\right)$$

$$= \tan^{-1}(0.5)$$