



Payment Successful

04 June 2026 at 12:02 PM



**ಕಾಂಗ್ರೆಸ್ ಜಿಲ್ಲಾ
ಕಾರ್ಯದರ್ಶಿ ಸಾಮಾಜಿಕ
ಜಾಲತಾಣ ಕಲಬುರಗಿ**

+919148947051

₹3,230

Split Expense



View Details



Share Receipt

Electromagnetic Waves

- EM waves are Transverse waves.
- They consists of Electric field (E) & Magnetic field (B) oscillating perpendicular to each other.
- $E \perp B$ and both are $\perp$ to the direction of propagation.



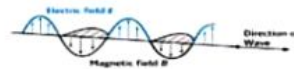
Speed of EM wave in vacuum, $C = 3 \times 10^8 \text{ m/s}$

Wave Equations

- $E = E_0 \sin \omega t$
- $B = B_0 \sin \omega t$ (where $\omega = \omega t$)

Electromagnetic Waves

- EM waves are transverse waves.
- They consist of an electric field (E) and a magnetic field (B) oscillating perpendicular to each other.
- Both $E \perp B$, and both are perpendicular to the direction of propagation.



Speed of Electromagnetic Waves in vacuum: $C = 3 \times 10^8 \text{ m/s}$

Wave Equations

- $E = E_0 \sin(\omega t)$
- $B = B_0 \sin(\omega t)$

Done