

# OPTICS

*Meaning: Optics is the branch of physics that deals with the behavior and properties of light, including its interactions with matter and the design of instruments that utilize it.*

1. The study of optics has led to significant advancements in laser technology.
2. Modern optics plays a crucial role in medical imaging and diagnostic equipment.
3. Understanding the principles of optics is essential for designing effective lenses and mirrors.
4. The artist used the concept of optics to create stunning visual illusions in her work.
5. Research in optics is paving the way for innovations in communication technologies.

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