

# ELECTRO-MAGNET

*Meaning: An electro-magnet is a type of magnet that generates a magnetic field through the flow of electric current, allowing it to lift or manipulate objects.*

1. The researcher developed a new electro-magnet that could lift heavy objects with ease.
2. In the experiment, the electro-magnet was used to demonstrate the principles of magnetism and electricity.
3. Electro-magnets play a crucial role in many modern technologies, including electric motors and transformers.
4. By adjusting the current flowing through the coil, the strength of the electro-magnet can be easily controlled.
5. Engineers designed an electro-magnet for the train system to provide efficient and powerful propulsion.

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