## Chapter-8

## (Understand the concepts of magnetic-materials)

Lecture-1

## What are the concepts of magnets?

 All magnets have north and south poles. Opposite poles are attracted to each other, while the same poles repel each other. When you rub a piece of iron along a magnet, the north-seeking poles of the atoms in the iron line up in the same direction. The force generated by the aligned atoms creates a magnetic fiel





