

# VIDYA BHAWAN BALIKA VIDYAPEETH

## STUDY MATERIAL SCIENCE

### CLASS-VII

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Teacher : Poonam Kumari

#### ▶ Heating & Magnetic effect of Electric current

#### **Magnitude of current passed through a given wire:**

If the magnitude of current passed through a given wire is greater, then the heat produced in it will also be greater,

e.g. if a normal amount of current flows through the copper wires of household electric wiring, then the wires do not become much hot.

But if a large current flows in the same wiring accidentally, then the wires become extremely hot and a fire may be started.