

# VIDYA BHAWAN BALIKA VIDYAPEETH

## STUDY MATERIAL SCIENCE

### CLASS-VIII

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Teacher : Poonam Kumari

#### ▶ Cells : Structure & Function

A membrane system within the cytoplasm of cells which is involved in the synthesis, modification and transport cellular materials is known as **endoplasmic reticulum**.

➤ **The cell has three main parts:**

- the cell membrane
- cytoplasm
- the nucleus.

**Nucleus:** a part of the cell containing the genetic material that is responsible for growth and reproduction.

**Cytoplasm:** a jelly-like material enclosed by the cell membrane that surrounds the nucleus  
**cell membrane:** a thin membrane enclosing the cytoplasm of a cell.