

**Name-Mrs. Priya Babasaheb Kaduskar**

**Qualification -M.Sc (Chemistry)**

**Subject –Chemistry**

Chemistry is the branch of science that studies the composition, structure, properties, and changes of matter. It explores how substances interact, combine, and transform through chemical reactions.

### **Branches of Chemistry**

- 1. Organic Chemistry** – Study of carbon-based compounds.
- 2. Inorganic Chemistry** – Study of non-carbon elements and compounds.
- 3. Physical Chemistry** – Study of energy changes and reaction mechanisms.
- 4. Analytical Chemistry** – Techniques to analyze substances.
- 5. Biochemistry** – Study of chemical processes in living organisms.

### **Importance of Chemistry**

Helps in medicine and drug development.

Used in food preservation and safety.

Essential for environmental protection and pollution control.

Supports the production of materials like plastics, metals, and textiles.