

## **Types of Placentation**

Placentation refers to the arrangement of ovules inside the ovary of a flower. Here are the main types of placentation found in plants:

### **1. Marginal Placentation**

Ovules are attached along the margin of the ovary, as seen in pea flowers.

### **2. Axile Placentation**

Ovules are attached to the central axis of the ovary, as seen in flowers like tomato and chili.

### **3. Parietal Placentation**

Ovules are attached to the wall of the ovary, as seen in flowers like mustard and cabbage.

### **4. Free Central Placentation**

Ovules are attached to a central column in the ovary, but the column is not connected to the ovary wall, as seen in flowers like primrose.

### **5. Basal Placentation**

Ovules are attached at the base of the ovary, as seen in flowers like compositae.

### **6. Superficial Placentation**

Ovules are attached to the surface of the ovary, as seen in some flowers like water lily.