

Introduction:-

Seed germination may be defined as the fundamental process by which different plant species grow from a single seed into a plant. This process influences both crop yield and quality. Germination does not take place unless the seed is in a good Environment. The main keys for growing a plant are adequate water, oxygen and sunlight. Different kinds of plants germinate at different temperature. Some plants require more sunlight to germinate than others. During germination, water diffuses through the seed coats into the embryo, which has been almost completely dry during the period of dormancy. With the absorption of oxygen by the seed, energy is made available for growth. From the time of germination until the plant is completely independent of food stored in the seed, the plant is known as a seedling.

AIM:-

- ❖ **To Study the Duration and Conditions required for seed Germination.**

Materials Required:-

- **Bean seeds**
- **Small Plastic Zipper Bag**
- **Paper Towels**
- **Different type of Seeds – Green gram, mustard, Beans, Chilly seeds , Seeds of Brinjal, Ladies finger**
- **Water**

