

Scope of Pharmacognosy

The crude drugs are obtained from plants and only a small number comes from animals and mineral origins.

Pharmacognosy has wide and broad scope in the field of Pharmacy and its branches of them are given following:-

- 1) Cultivation and domestication of the medicinal plants.
- 2) Analysis and Phytochemical

3) Preparation of general tonic and stimulation.

4) The steroid industry

5) Herbal Preparation herbal medicine

6) Flavoring agent and perfumes.

7) Tissue Culture

8) Phytomedicine

9) Natural Products

1 Analysis and Phytochemical:-

Many Bioactive biomolecular are extracted and isolated from the crude drugs. They are analysed by modern technique such as Thin Layer Chromatography (TLC), High performance Liquid Chromatography (HPL), Gas Chromatography.

2 Herbal Preparation herbal medicine:-

Herbal medicine have become more popular in

recent years because it is believe that these do not have and toxin or side-effects as compare to the modern medicine.

3 Flavoring agent and perfumes:-

Large number of aromatic plants which are extensively used as Flavoring agent, perfume, spicy and medicine Ajowan, Lemon grass, etc.

4 Tissue Culture:- Plant tissue Culture broadly referral to the in-vitro cultivation of plant seed and various parts of the plants organ embryo, tissue, single cell protoplast.

5 Phytomedicine :- Herbal based traditional medicine practice that uses various plant material in modalities considered both prevention and therapeutics.