

**SABBHAVNA COLLEGE OF MANAGEMENT & TECHNOLOGY
VILLAGE JALALDIWAL, RAIKOT , LUDHIANA (PB)**

Subject Name - Pharmacognosy

Subject Code-1993

1. Definition history and scope of pharmacognosy including indigenous system of medicine.
2. Various system of classification of drugs of natural origin.
3. Adulteration and drug evaluation, significance of pharmacopoeial standards.
4. Brief outline of occurrence, distribution outline of isolation, identifications tests, therapeutic effects and pharmaceutical applications of alkaloids, terpenoids, glycosides, volatile oils, tannis and resins.
5. Occurrence, distribution, organoleptic evaluation, chemical constituents including tests wherever applicable and therapeutic efficacy of following categories of drugs.
 - a. Laxatives : Aloes, Rhubarb, castor oil, Ispaghula, Senna.
 - b. cardiotonics - Digitails, Arjuna
 - c. Carminatives 7 G.T. regulators -Umbelliferous fruits. Coriander, fennel, Ajowan, cardamom, Glinger, Black Pepper, Asafoetida, Nutmeg, Cinnamon, Clove.
 - d. Astringents - Catechu.
 - e. Drugs acting on nervous system- Hyoscyamus, Belladonnas Aconite, Ashwagandha, Ephedra, Opium, Cannabis, Nux vomica
 - f. Antihypertensives - rauwolfia
 - g. Antitussive - vasaka, Tolu balsam, tulsi
 - h. Antirheumatic - Guggal, Colchium
 - i. Antitumor - Vinca
 - j. Antileprotics - Chaulmoogra Oil
 - k. Antidiabetics - Pterocarpus, Gymnema, Sylvestro.
 - l. Diuretics - Gokhru, Punarnava.
 - m. Antidysenterics - Ipecacuanha
 - n. Antiseptics and disinfectants Benzoin, Myrrh, Nim, Curcuma
 - o. Antimalarials - Cinchona
 - p. Oxytocics - Ergot
 - q. Vitamins - Shark Liver Oil and Amla
 - r. Enzymes - papaya, Diastase, Yeast
 - s. Perfumes and flavoring agents - peppermint Oil, Lemon Oil, Orange Oil, Lemon grass Oil, Sandalwood.
 - t. Pharmaceutical aids - Honey, Arachis Oil, Starch, Kaolin. Pectin, Olive Oil, Lanolin, Beeswax, acacia, Tragacanth, Sodium Alginate, Agar, Guar gum, Gelatin.
 - u. Miscellaneous - liquorice, garlic, Picrorhiza, Dioscores, Linsee, Shatavari, Shankpushpi, Pyrethrum, Tobacco.
6. Collection and preparation of crude drugs for the market as exemplified by ergot, opium, rauwolfia, Digitails, Senna
7. Study of course, preparation and identification of fibres used in sutures and surgical dressings- cotton, silk, wool and regenerated fibres.
8. Gross anatomical studies of - Senna, datura, Cinnamon, Cinchona, Fennel, Clove, Ginger, Nuxvomica & ipecacuanha.