

# Shree Govind Guru University, Godhra

Elective subject : Herbal Technology [Credit- 2]

B.Sc Semester-IV

Unit-1	Introduction and scopes of Herbal technology - Plant Identification and medicinal Plants, Elementary knowledge of Binomial nomenclature, Outline of Bentham and Hooker classification, Herbarium techniques, Introduction to Medicinally important Plant parts: Fruits, Leaves, Stem and its modifications, (underground and aerial), Roots.	Credit:1/2
Unit-2	Ethnomedicine - Introduction, definition, history and its scope – Inter disciplinary approaches in ethnobotany	Credit:1/2
Unit-3	Pharmacognosy - Introduction, History, Definition and scope of; Systems of Indian Medicines – Siddha, Unani, Ayurveda, Homeopathy; Terminologies	Credit:1/2
Unit-4	Herbs and drug action - Classification of medicinal plants based on their effects, Allergens, types, sources, active principles, Drugs acting on brain and nervous system, Rheumatic arthritis, Psychoactive drugs, Depressants, Stimulants, hallucinogens, sources, effects, basic mechanism of action.	Credit:1/2

## References:

Gokhale, S.S., Kokate, C.K. and Purohit, A.P. (1994) Pharmacognosy. Nirali Prakashan. Pune.

Kumar, N.C. (1993). An Introduction to Medical botany and Pharmacognosy. Emkay Publications, New Delhi.

Nakar, R.N., Dhaduk, H.L. and Chovatia, V.P. (2016). Medicinal Plants: Cultivation and Uses, Astral International Publications, New Delhi.

Pal, D.C. and Jain, S.K. (1998). Tribal medicine Naya Prakash, 206, Bidhan Sarani, Calcutta – 700 006.

Rao, A.P. (1999). Herbs that heal. Diamond Pocket Books (P) Ltd., New Delhi.

Sinha R.K. & Sinha Shweta (2001). Ethnobiology Surabhe Publications – Jaipur.

Tyagi, Dinesh Kumar (2005) Pharma Forestry. Field Guide to Medicinal Plants. Atlantic Publishers and Distributors, New Delhi.