

Gujarat University, Ahmedabad

Elective Paper: Medicinal Plants

Unit -I Classification and distribution

Classification based on botany, plant parts, phytochemicals and diseases,
Distribution in the state, country and global

Unit -II Cultivation and utilization

Methods of cultivation, harvesting, storage and utilization (preparation)
Different systems of medicine

Unit -III Medicinal plants and uses

Family wise (at least three plants from each family) medicinal plants,
major phytochemicals and use

Unit -IV Value addition

Photochemistry, biosynthetic relationships, extract analysis and modern
approaches

Suggested reading:

1. Desai *et al*, Medicinal plants, Bharatiya Kala Prakashan, New Delhi (2007)
2. Pandey C. N. *et al* Medicinal Plants of Gujarat, GEER Foundation and Gandhinagar (2005)
3. Cseke *et al*, Natural Products from Plants, CRC Press, Boca Ralon (2006)