

5th SEMESTER
HORTICULTURE TECHNOLOGY
(COMMERCIAL MEDICINAL AND AROMATIC PLANTS)
SKILL ENHANCEMENT COURSE (SEC)

**MAP520S COMMERCIAL MEDICINAL AND AROMATIC PLANTS-II: ROLE OF
MEDICINAL AND AROMATIC PLANTS IN HEALTH CARE SYSTEM**

CREDITS: THEORY: 2, PRACTICAL: 2

MAX MARKS: THEORY: 30, PRACTICAL: 30

FAMIN MARKS: THEORY: 12, PRACTICAL: 12

***Objective:** To acquaint the student with the importance of plants used in modern and AYUSH methods of treatment.*

THEORY (2 CREDITS)

UNIT I

Concept of Health Care systems. Role of Medicinal and aromatic Plants in health care system.

Brief introduction to Ayurveda, Unani, Sidha, Homeopathy, allopathy, naturopathy, electrohomoeopathy and aromatherapy.

UNIT II

Some medicinal plants used in treating various diseases in modern and complementary systems viz., Ashwaganda, Gaowzaban, Shanger, Sepesthan. Biological activity of selected medicinal plants. Methods of preparing poultices, decoctions, powders, tinctures, active content rich extracts.

PRACTICALS (2 CREDITS)

- Identification of drugs by morphological characters. Physical and chemical tests for evaluation of drugs.
- Gross anatomical studies of Ginger, Ashwagandha, Shanger, Sapesthan, Gawzaban, Kala Zeera, *Aconitum* spp. or any other important species relevant to the region.
- Field visit for collection and identification of local MAPs.