

Sant Gadge Baba Amravati University

Department of Lifelong Learning & Extension

Diploma Course

(6 month)

Syllabus

for

Diploma in Medicinal Plants Propagation

Unit 1:-

Introduction to Ethnobotany-

Definition, history of ethno botany. Indian scenario of ethno botany role of e ethno botany in medicinal plants knowledge and Ayurveda ,.important of ethno botany

Unit 2:-

Introduction to Medicinal Plants-

System of Classification of Plants – Bentham and Hookers System for classification plants bionomical system, Identification of plants by flora.

Unit 3:-

Plant Methodology -

Morphology of root, leaf, flower, seeds. Modification of roots, Stem, leaf, flower

Unit 4:-

Medicinal Plants Preparation method –

Definition Scope, Traditional and advance method of plant preparation merits and demerits vegetative method for plants propagation Merits and Demerits vegetative method for propagation preparation by seeds managements practices

Unit 5:-

Application of medicinal plants –

Study of local forest medicinal plants, uses of medicinal plants. Role of medicinal plants in Ayurveda Production of drugs from plants marketing of medicinal plants products.

Practical course:

1. Study of morphology medicinal plants by using the state flora.
2. Identification of the local medicinal plants.
3. Study of vegetative plants Propagation techniques in the field.
4. Study of tuberous medicinal plants
5. Preparation of Herbarium of medicinal plants of local area.
6. Collection of medicinal plants seeds from local forest area