

Maharashtra Shikshan Samiti,
Maharashtra Mahavidyalaya, Nilanga
Academic Year 2022-23
Department of Botany
Add On / Certificate Course Syllabus

Title : Collection, Identification of Medicinal plants and preparation of plant products

Duration : 30 Hrs.

Marks : 50

Course Objectives :

1. To know and understand Identification of the medicinal plant.
2. To acquire practical knowledge of medicinal plants and their products.
3. To provide and updated medicinal plant education to the students.
4. To impart knowledge of medicinal plants science as the objectives of education.
5. To expose the diversity of medicinal plants to the students .

Course Outcomes :

1. The students will be liable to understand medicinal plants and their utilization.
 2. The students should understand various medicinal plants surrounding to their localities.
 3. The students should know and understand local and common issues of medicinal plants for management of common aliment.
 4. The Students should understand ecological variation among the medicinal plants.
 5. _____
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Course Content

Module I : (____ Hours)

Introduction, definitions, Scope and Significance –
Concept of active principal in medicinal plants

Module II : (____ Hours)

Identifications – description and classification of selected medicinal plants and their medicinal uses locally available plants.

Module III : (____ Hours)

Study of specific medicinal plant available near by Nilanga locality and their practical issues.

Module IV : (____ Hours)

1) Vitex negunda 2) Tridax procumbens 3) A. mericonia 4) Aloe Vera, 5) C. Roseus, 6) Dhatura
shramonium 7) L. Camera 8) Jatropha curcas 9) Ricinus communis 10) Pongamia pinnata or cassia fistula

Prescribed Text Books / Recommended Books :

1. Medicinal Plants - Jain
2. Medicinal plants of India - Kulkarni
3. Aromatic and medicinal plants - Pandey
4. वनऔषधी वनस्पती – V.N. Naik
5. Practical Botany - Kumar and Bendre
Volume - II

Scheme of Evaluation

Q.1. Multiple Choice Question - 25	Credit – 1 (25 points)
Q.2. Practical Test Presentation / Group Discussion / Oral Test	Credit – 1 (25 points)

Credits – 2 (50 points)