

# BSDT's AYURVED MAHAVIDYALAYA, WAGHOLI, PUNE

## DEPARTMENT OF DRAVYAGUNA

### INTRODUCTION –

Dravyaguna Vigyan is an important subject explaining the Ayurvedic Pharmacology in the B.A.M.S. course. BSDT'S Dravyaguna Department aims to make the students confident and competent Ayurved Professionals. It also contributes in increasing and spreading awareness about Plant Cultivation and Conservation. To achieve these goals the department has various units like the **Museum** enriched with more than 290 Dry specimens and more than 110 Wet specimens, **Seed Bank, well equipped Laboratory, Medicinal Plant Garden, Demonstration Room, Departmental Library** as per the norms. The faculty looks after enriching the study materials like specimens, species, charts, models, books etc. for the students every year. The department also conducts plantation program in the campus wherein students, faculty members and guests also participate. The department is also developing a garden for **conservation of endangered species** in the campus as a part of social responsibility. Thus, it provides the students opportunity to contribute in receiving and spreading awareness about the nature and mother earth.

### SUBJECT OUTCOME –

- At the end of the course student should be able to –
  - Get acquainted with the knowledge of Ayurvedic and Modern pharmacology.
  - Identify genuine medicinal plant, its adulterants and substitutes; know about its cultivation and Propagation.
  - Understand properties of medicinal plants, their actions and uses.
  - Utilise the plant in various diseases, in various forms.
- At the end of the course student should get acquainted with following skills
  - Organoleptic methods of drug identification
  - Preparation of Herbarium
  - Cultivation and propagation of medicinal plants



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- Collection, preservation and storage of medicinal plants
- Conservatory methods of part collection of plant
- At the end of the course student should develop following attitude
  - The student should have respect for the nature, plants and the mother earth which is source of food and medicine
  - The student should be aware of the conservation of the medicinal plants

### SPECIALTY OF THE DEPARTMENT –

- **Seed Bank** with some Himalayan Plant Seeds – The department has developed Seed Bank which has more than 135 seeds in it. The seeds are utilized for making seedlings in the Nursery for the propagation of plants as well as for exchange. It also has seeds of some Himalayan plants for display like Devadaru, Ativisha, Vanakarkati, Hrutpatri etc.
- **Development of Herbal Gardens** – The department has developed various gardens with specific purpose like
  - **Kamadhenu Vatika** for the inhouse cattle
  - **Endangered Species Conservation Garden** – for conservation of endangered medicinal plant species
  - **Nakshatra Vatika** (Proposed) – for Vedic type of treatment
- **Medicinal Plant Nursery** – The department has developed a medicinal plant Nursery with the help of Institute and Trust. It provides various plants for the plantation in and out of the campus.
- The department is developing **Niryasa Varga** and **Jangam Varga** in Dry Specimen for better understanding and enhancement of knowledge of the students.
- **Lotus Project** - Dravyaguna Department of BSDTAM has started a project to cultivate the original Lotus (*Nelumbo nucifera*, Pink variety) in the campus. The original lotus plants are being cultivated in a constructed pond of 15 X 15 X 4.5 feet. The plants have started bearing flowers now. The flowers are used in medicine preparation.

