

Courses Offered

# Courses Offered Methods of Extraction HERBAL DRUGS

Under  
**IQAC** | 2021-22  
SIPS

Duration of course-15 January 2022  
to 26 February 2022

## Add on / Value added Certificate Courses

Our Program structures offers students the flexibility to enhance their academic experience by enrolling in Two Courses per academic year, with option to take one course per semester.

This approach allows students to delve deeper into their areas of interest, diversify their skill set and tailor their learning journey to align with their career aspirations

Campus: Mahiravani, Trimbak Road, Tal & Dist. Nashik-422213, Maharashtra, India.

## COURSE OBJECTIVE

- **Understanding Herbal Drugs:** Develop a comprehensive understanding of herbal drugs, including their sources, chemical constituents, and therapeutic properties.
- **Extraction Techniques Knowledge:** Acquire knowledge of various extraction techniques used for obtaining active compounds from medicinal plants, including maceration, percolation, and distillation.
- **Solvent Selection and Properties:** Understand the selection and properties of solvents used in herbal drug extraction, considering factors such as polarity, toxicity, and efficiency.
- **Optimization of Extraction Parameters:** Learn methods for optimizing extraction parameters, including time, temperature, and solvent-to-material ratio, to enhance the yield and quality of extracted compounds.

## COURSE OUTCOMES

- **Comprehensive Herbal Drug Knowledge:** Demonstrate a comprehensive understanding of herbal drugs, including their sources, constituents, and therapeutic applications.
- **Proficient in Extraction Techniques:** Apply various extraction techniques proficiently, selecting the most suitable method for different types of plant materials.
- **Effective Solvent Utilization:** Utilize solvents effectively, considering their properties to achieve optimal extraction of bioactive compounds.
- **Optimized Extraction Processes:** Implement optimized extraction processes, maximizing the yield and quality of herbal extracts through parameter adjustments.

### CHIEF PATRON

**Hon'ble. Dr. Sandip N. Jha**  
Chairman  
Sandip Foundation

### PATRON

**Prof. Pramod Karole**  
Academic Facilitator  
Sandip Foundation

### CONVENER

**Prof. Dr. Anil G. Jadhav**  
Principal  
SIPS, Nashik

### COORDINATOR

**Dr. L. B. Borse**  
(Academic Dean)

### REGISTRATION DETAILS

**Dr. V. T. Pathan**  
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