

# DEPARTMENT OF RSBK

Rasa Shastra & Bhaishajya Kalpana

## Overview

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The Department of RSBK specializes in the **identification, processing, and formulation** of Ayurvedic medicines. It bridges traditional knowledge with modern science by focusing on:

- **Rasa Shastra:** The therapeutic use of purified metals and minerals.
- **Bhaishajya Kalpana:** The preparation of diverse herbal dosage forms such as *Vati*, *Choorna*, *Kwatha*, and *Taila*.
- **Infrastructure:** An integrated environment featuring a teaching pharmacy, a specimen museum, and an in-house Quality Control (QC) laboratory.

### Aim

To **standardize and validate** the safety, quality, and efficacy of Ayurvedic formulations, ensuring they meet **Good Manufacturing Practices (GMP)** and modern healthcare requirements.

## Objectives

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### Academic Skills

- **Classical & Modern Synthesis:** Mastery of ancient text knowledge integrated with contemporary concepts like Standardization, Quality Control (QC), and GMP.
- **Regulatory Mastery:** Comprehensive understanding of drug laws, pharmacy management, and industrial manufacturing standards.
- **Safety & Pharmacovigilance:** In-depth awareness of dosages, therapeutic uses, and the rigorous monitoring of Adverse Drug Reactions (ADR).
- **Scientific Validation:** Training to ensure the safety, efficacy, and global acceptance of Ayurvedic formulations through evidence-based practices.

## Practical & Clinical Skills

- **Hands-on Training:** Manufacturing basic formulations using Standard Operating Procedures (SOPs) to ensure batch consistency.
- **Prescription Intelligence:** Developing clinical expertise to select appropriate herbo-mineral drugs based on a patient's age, disease severity, and *Koshtha* (digestive nature).

## Key Activities

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### Classroom Activities

- **Interactive Learning:** Regular **quizzes, seminars, and class presentations** designed to sharpen theoretical clarity and communication skills.
- **Specialized Lectures:** Dedicated technical sessions focusing on **Pharmacovigilance** and the clinical management of **ADR**.

### Practical & Field Exposure

- **Technical Training:** Advanced lab-based sessions on purification (*Shodhana*) and complex formulation processes.
- **Educational Tours:** Field visits to **Herbal Gardens** for plant identification and **Industrial Pharmacies** for exposure to large-scale manufacturing.
- **Community Outreach:** Organizing health camps to educate and promote the safe, therapeutic use of Ayurvedic medicines among the public.