

# Faculty Development Workshop

## On Analytical and Pharmacological Dimensions of Ayurvedic Formulations

### Organized by

Ashvin Rural Ayurved College, Manchi Hill, Sangamner  
Department of Rasashastra Evum Bhaishajya Kalpana & IQAC Department

**Date:** 27th September 2025

**Time:** 10:00 AM

**Venue:** Conference Hall, ARAC, Manchi Hill

### Introduction

The Department of Rasashastra Evum Bhaishajya Kalpana, in collaboration with the IQAC Department, successfully organized a **Faculty Development Workshop** on “*Analytical and Pharmacological Dimensions of Ayurvedic Formulations*”. The event aimed to enhance faculty understanding of modern analytical approaches in evaluating Ayurvedic formulations, ensuring their quality, safety, and efficacy.

### Dignitaries and Guests

The program was graced by eminent personalities:

- **Chief Guests & Resource Persons**
  - **Dr. Shriram Savrikar**  
Director, Jeevanrekha Analytical Services  
M.D (Ayu), Ph.D
  - **Dr. Mukund Sabnis**  
Director, Jeevanrekha Ayurved Chikitsalay and Research Center  
M.D (Ayu)
- **Institute Dean**
  - **Adv. Shaligramji Hodgar saheb**
  - **Dr. Shailendrasinhji Hodgar**
  - **Balme Sir, Director ARAC**
- **Chairperson**
  - **Dr. Shyamal Nirmal** (Principal, ARAC)

- **Dr. Jitendra Shimpi** (IQAC Coordinator & Organising Secretary)
- **Dr. Manoj Kulkarni** (co-chairperson)

- **Coordinators**

- Dr. Aatique Momin
- Dr. Nishant Ingale
- Dr. Ganesh Nath
- All RSBK PG Scholars

## Proceedings

The program began with **Dipa Prajwalana** and **Dhanvantari Stavana**, invoking blessings for the successful conduct of the workshop.

- The dignitaries and guests were warmly welcomed by the organizing committee.
- **Dr. Shriram Savrikar** and **Dr. Mukund Sabnis** were felicitated by **Adv. Shaligramji Hodgar Saheb**.
- **Principal Dr. Shyamal Nirmal** introduced both the eminent speakers.
- **Dr. Nishant Ingale Sir**, Professor at ARAC, was felicitated for his **valuable participation in NCISM research work**.
- **Mr. Piyanshu Dange** and **Mr. Prem Bacchav**, 2nd year BAMS students, were honored for their **accomplished research project under CCRS Spark initiative**.

## Key Highlights of Guest Lectures

Both the expert speakers elaborated on the **Physico-Chemical Characterization of Ayurvedic Formulations**, covering mineral, metal, and herbo-mineral/metal-based drugs.

## Detailed Discussion Points

- **Sample Requirement:** 20 g for instrumental analysis, 50–100 g for raw material, 150 g for clinical trial sample.
- **Physical Analysis:** Particle size, shape, crystalline vs. amorphous nature.
- **Chemical Analysis:** Compositional study, detection of foreign elements, and adulterants.
- **Sample Handling:** Dry, homogenous powder, sterile and light-protective packing, airtight seal, proper labeling.
- **Documentation:** Complete analysis request forms with clarity, specifying required tests and methods.

- **Result Interpretation:** Screening immediately, prefer hard copies, correlate with clinical needs.
- **Identity & Purity:** Botanical and chemical identification, qualitative & quantitative assessment of phyto-constituents, percent composition of minerals/metals.

### Visit to Departments

After the sessions, the guests, along with dignitaries, visited the **Rasashastra Department and the Quality Control Laboratory** of the college. They examined the laboratory instruments and facilities, and suggested:

- Appointment of a **dedicated attendant**.
- Engagement of a **well-experienced laboratory expert** for proper handling and maintenance of equipment.

### Conclusion

The Faculty Development Workshop was highly beneficial in bridging traditional Ayurvedic knowledge with **modern analytical and pharmacological methods**. The sessions by the experts enriched participants with practical insights into quality assurance of Ayurvedic formulations through proper **characterization, sampling, documentation, and interpretation**.

The event concluded with a heartfelt **Vote of Thanks** delivered by **Dr. Jitendra Shimpi Sir**, IQAC Coordinator. The contributions of all dignitaries, faculty, and students made the workshop a grand success.





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