

Department of Rasashastra and Bhaishajya Kalpana





INTRODUCTION - The Department of Rasashastra and Bhaishajya Kalpana at Government Ayurvedic College and Hospital, Dharashiv is a fundamental pillar of Ayurvedic education, dedicated to the study and advancement of Ayurvedic pharmaceuticals. The department plays a vital role in imparting comprehensive knowledge of classical drug preparation along with modern pharmaceutical techniques.

Rasashastra encompasses the science of metals, minerals, and herbo- mineral formulations, focusing on their purification, processing, and therapeutic application. Bhaishajya Kalpana deals with the principles and practices of formulation, preparation, and standardization of Ayurvedic medicines. Together, they form the backbone of Ayurvedic drug manufacturing and quality assurance.



The department is well-equipped with modern laboratories and a teaching pharmacy that facilitate practical training in various pharmaceutical procedures such as Shodhana (purification), Marana (incineration), and preparation of diverse dosage forms including Churna, Vati, Asava, Arishta, Avaleha, and Kupipakwa Rasayana. Emphasis is laid on maintaining quality control and adherence to classical standards.

With a team of experienced and dedicated faculty, the department strives to promote academic excellence, research activities, and skill development among students. It aims to produce competent Ayurvedic professionals capable of ensuring the safety, efficacy, and standardization of Ayurvedic formulations, thereby contributing to the growth of the Ayurvedic healthcare system and pharmaceutical sector.

FACULTY DETAILS - a) Teaching Staff

No	Name of Faculty	Qualification	Designation	Photo
1	Dr. Pratibha Jadhav	M.D. (R.S.B.K.)	H.O.D. Assistant Professor	
2	Dr. Nagorao Lone	M.D. (R.S.B.K.)	Professor	
3	Dr. Pravin Koparde	M.D. (R.S.B.K.) PhD (Scholar)	Associate Professor	
4	Dr. Shreya Janakar	M.D. (R.S.B.K.)	Assistant Professor	

b) Non Teaching Staff

No	Name of Faculty	Qualification	Designation	Photo
1	Mr. Vivek Joshi	B. Sc Chemistry	Lab Technician	
2	Mr. Amar Kamble	12 th Arts	Peon	

FACILITIES - The Department of Rasashastra and Bhaishajya Kalpana is well-equipped with essential infrastructure to support quality education, practical training, and research in Ayurvedic pharmaceuticals. The key facilities available in the department include:

TEACHING PHARMACY - A functional teaching pharmacy where students are trained in the preparation of classical Ayurvedic formulations such as Churna, Vati, Asava, Arishta, Avaleha, and Kupipakwa Rasayana.



RASASHASTRA LABORATORY- Specialized setup for performing procedures like Shodhana (purification), Marana (incineration), and preparation of various herbo-mineral formulations under proper supervision.



QUALITY CONTROL LABORATORY - Facility for basic standardization and quality assessment of prepared drugs, ensuring adherence to classical and modern parameters.



MUSEUM/DRUG DISPLAY SECTION - A dedicated space for the display of raw drugs, minerals, metals, and finished formulations to enhance visual learning and identification skills.



INSTRUMENTATION SUPPORT - Availability of essential pharmaceutical instruments and apparatus required for drug preparation and processing.



LIBRARY SUPPORT - Access to departmental and central library resources, including classical Ayurvedic texts, reference books, and research journals.



DEPARTMENTAL FACULTY WITH PG STUDENTS AND NON TEACHING STAFF

DEPARTMENTAL ACTIVITY



Herbal Soap, Abhyang Oil, Herbal Ubtan - Prepared on Occasion of Dipawali



Apamarga Kshara Preparation



Abhraka Bhasma Nirmana



Kupipakwa rasa Nirmana



Cosmetic Workshop Opening Ceremony



NLH Activity – PPT Presentation



NLH Activity – Rapid-fire



Gandhaka Shodhana



Gandhaka Druti Nirmana



Gandhaka Malahara Nirmana



Gulabarka Nirmana

ON GOING PG THESIS

No	Year	Name of PG	Name of Guide	Title of Thesis
1	2023-2026	Vd. Shubhangini Kharoshi	Dr. D.D. Bhise	Pharmaceutico -analytical study of Rajat Garbh pottali and its In Vitro evaluation for immune modulator property
2	2023-2026	Vd. Anuja Shinde	Dr. D.D. Bhise	Evaluation of In vitro antioxidant activity self prepared Abhra Garbh pottali
3	2023-2025	Vd. Kanchan Sabu		Comparative pharmaceutico-analytical study of kukkutand twak bhasma using white egg shell and brown egg shell
4	2023-2026	Vd. Shital Wagatkar	Dr. D.D. Bhise	Evaluation of In Vitro antimicrobial activity of shelf prepared Dashang lepa
5	2024-2027	Vd. Simran Gadge	Dr. D.D. Bhise	Pharmaceutico analytical study of Bakuladya tail and its conversion into toothpaste with In Vitro antimicrobial activity
6	2024-2027	Vd. Anil patil	Dr. D.D. Bhise	Pharmaceutico analytical and experimental evaluation of Ashwagandhadi Lepa and Gel for wound healing activity using an excision wound model in Wistar rats