

## DEPARTMENT OF RASASHASTRA EVAM BHAISHAJYA KALPANA

### FACULTYPROFILE:

Name	Qualification	Designation
Dr.Madhuri Pawar	B.A.M.S., M.D.( Rasashastra Bhaishajyakalpana )	Professor &H.O.D.
Dr.Swati Gadgil	B.A.M.S.,M.D, (Rasashastra),PhD	Asso.Professor
Dr.TruptiPatil	B.A.M.S.,M.D, {Bhaishajyakalpana )},PhD	Asso.Professor
Dr.Sarika Patil	B.A.M.S.,M.D, ( Rasashastra Bhaishajyakalpana ) PhD[Sch]	Assi.Professor
Dr.Madhura Phadtare	B.A.M.S.,M.D, ( Rasashastra Bhaishajyakalpana )	Assi.Professor



In the department of RSBK enthusiastic teachers are working with efforts and have been committed to the overall development of the students. Innovative approaches of teaching and hands on practical training are the key points of department.

Dr. Madhuri Pawar Professor and HOD of the department, a very passionate and hard-core teacher having command on practical aspects of the subject; is her identity. She is known for her crystal clear and good delivery of topics. She is the favorite teacher of students across all professional years. She also shoulders the responsibility of students support cell and MOM of the college and Ayurved hospital. She has guided over a dozen of M.D and Ph.D. students with her scientific approach. Acumen for product development and testing has led her to publish a good number of research papers in indexed journals and has h-index 5 and i-10 index 4. Two patents with her Ph.D students are published on newly developed dosage form 'Hair Gel' of combined ten herbal drugs and Menstrual food for menstruating women to provide nutritive support along with positive effects to get relief from associated symptoms of menstruation.

Dr. Swati Gadgil is the Associate professor of the department with a tight grip on *samhitas* and classical texts of *Rasabhaishya*. She is secretary of Pharmaco-theapeutic committee monitoring different activities comes under that committee. She has a good balanced blend of traditional practical approach and modern analytical methods as her strength. She is also a favorite teacher and an eminent guide due to her methodical teaching and scientific guidance. She is guiding PG and Ph.D. students. She is a popular

Guru at Madhavacharya Gurukula for past decade. She has a very good connect with Vaidyas, Pharmacies and research laboratories. Her research work on Brahmai Ghrita opened new arena for Avaratan concept and potentiating of the formulation useful in neurological ailments. She has published good number of research papers in indexed journals. Her h index is 2 and i-10 index is 1

Dr. Trupti Patil is the Associate professor with the zeal to explore new boundaries in the science. Updated with newer developments in the field this enthusiastic teacher of the department has a good potential. Especially interested in *Rasaushdhies* and nano science for Bhasmas; her research on bioavailability of *Shwaskuthar Rasa* and *Suvarnabhasma* has added new mechanistic knowledge about the drugs. She also has an expertise in analytical testing of raw materials of herbal and metal –mineral types. She is a good orator and has delivered lectures in the College of Ayurveda associated with Middlesex university of UK, participated in meetings at House of Lords, and at present is a member of Ayur-Yoga project of University of Vienna. She is governing the teaching pharmacy of the department and is in-charge of pharmacy unit. Also the Co-ordinator for International Students Cell BVDUCOA. She is guiding PG and Ph.D. students. She has published numbers of research papers in peer reviewed journals H-index and i- 10 index are 1.

Dr. Sarika Patil is the Assistant Professor of the department. She is the bright alumni of this institute. She is a passionate and hard-working teacher using innovative current trends and methods in her teaching. She is guiding students of department to enrich their ayurvedic science concept of pharmaceutics blending with modern science techniques. She is currently pursuing her Ph.D in the area of drug discovery for the *rasayan* (immunomodulatory) and *vayasthapana* (Antiaging) activities.

Dr. Madhura Phadtare serves as an Assistant Professor in the Department. She is a dedicated educator committed to enhancing the academic and practical competencies of undergraduate students through innovative and engaging teaching methods rooted in Ayurvedic principles. Her work also focuses on translating classical Ayurvedic knowledge into contemporary product development to meet modern-day healthcare needs. Additionally, she contributes to the global academic community as an **Editorial Board Member** of the *Ayurveda Research Newsletter* – ‘AYU-Update’, published by [AyurvedaResearchUSA.org](http://AyurvedaResearchUSA.org).

### DEPARTMENT PROFILE:

Rasashastra Evam Bhaishajyakalpna department takes pride in providing the enriching experience it offers to the students in terms of traditional and modern aspects of Ayurvedic pharmaceuticals and pharmacology. The professors always walk that extra mile to take the students at newer heights carrying forward its work culture since its inception in 1999. Department comprises of laboratories, museums and a separate pharmacy building, quality control laboratory. Students learn to identify hundreds of drugs, get hands on experience of making ayurvedic medicines, and test those for quality standards, the mode of actions and therapeutic uses in practical-clinics. The routinely used choorna, gutivati, medicated oils and Avaleha-sharkara kalpa like Sitopaladi chorna, Chyavanprashavaleha, Soubhagya sunthi paka, Suprja granules, Bala- Sahachar taila, Triphala ghrita etc formulations and such over 100 products are made in the pharmacy. Some difficult to perform products like *Rasapottali*, *Rasasindura*, *Sameerpannag*, *Yashad bhasma*, *Abhrak Bhasma*, *Suvarna sarasvatarishta* are also prepared and demonstrated for students.

Post graduate students of department have developed therapeutic food articles [ready to serve] for obesity patients. [2022-2025]. **Two students of this batch received Scholarship [AYURVARDHAN] from Charak Pharma Pvt Ltd. Two PG students have awarded PG –STAR scholarship from CCRAS, NEW DELHI to conduct their research works.** Department PG students are enthusiastically participate in various workshops, conferences, competitions and have received first / second ranks. In recent years PG students are working on different medicated fermented product development, with respect to standardization, in-vitro and clinical studies.

**Rasashastra Bhaishjyakalpan is ‘the backbone’ of Ayurvedic medical science;** because it develops the thought process in the minds of students regarding activities of drugs and formulations for any disease. Rational selection of appropriate medicine using the chronotherapeutic approach and food drug interaction is the uniqueness (USP) of Ayurvedic treatment. The subject builds a foundation of good clinical practice of Ayurveda.

### MUSEUM:

A well-maintained museum is structured in a smart way to give a student, perfect knowledge of the drug materials that are used in Ayurveda. Specimens of various metals and minerals, their subtypes, are grouped appropriately and sequentially displayed in museum. U.G & P.G students get to see samples of rare herbal and mineral drugs. This display of raw drugs helps to identify

and understand the ideal sample of mineral and herbal drugs. A complete section of hundreds of ready to use formulations is a distinguished feature of the museum. It also consists of fiber glass models of traditionally used instruments and assemblies for processing mercury, sulfur, copper and other metal minerals to convert them into drugs.

The specimens of Abhrak [Mica] are collected from corners of India and displayed accordingly. Unique collection of precious, semi-precious stones is also available. Various rare samples collected and gifted by our past students increase the value of the museum. This shows the connect of the alumni students with the department and highlight the integrity of the teaching - learning.

Informative pictorial charts which simplify the complex phenomena are displayed in the museum. One reading of the charts brushes up the concepts of Metal-Mineral and Herbal ayurvedic dosage forms. **The model of Traditional Rasashala [Pharmacy] is displayed in department laboratory for better understanding of directions and processes carried out in Pharmacy unit.**



#### **STRENGTH OF THE DEPARTMENT:**

- Well qualified, enthusiastic, and experience rich teaching faculty always working in harmony.
- A good number of Post Graduate alumni shining in bright colors are attached to the department to mentor new students. All are well placed entrepreneurs, practitioners, company heads, academicians each one perusing a good career path.
- The department has conducted different research projects/works focused on drug development including two major funded and some minor research projects.
- Collaboration with other sister institutes viz. Pharmacology department of Medical college, Poona College of Pharmacy, College of Engineering, IRSHA and many industries like Ayurveda Rasayani, Pharmaza herbals, Shri Dhootpapeshwar Ltd., Punarvasu Aushdhalaya and national laboratories like RIFTR, NCL, C-MET, CCIH and Physics department of SPPU with interdisciplinary approach.
- **Department has done Memorandum of understanding with Punarvasu Aushdhalaya, Pune to conduct various academic and research activities for UG and PG students.**

#### **UNIQUE FEATURES:**

- Problem based teaching and learning methods since it is a very practical subject.
- Encouraging work culture in the department to explore innovative research ideas in ayurvedic drug development those deal with nanomedicine, bioavailability of bhasmas, drug potentiation, food supplements and nutraceuticals based on Ayurvedic theories of nutrition and proof of concept studies.
- The modern teaching pharmacy attached with quality control laboratory that manufactures over 100 quality medicines for the institutional Ayurveda hospital.
- Well-equipped analytical laboratory functional for Postgraduate research purpose.
- Museum of Minerals and Metals used in Ayurvedic medicines, exhibits many varieties of one drug including rare specimens like ores of precious stones.
- Stimulus to design new products using contemporary dosage forms like gels, shampoos, sanitizers, cosmetics and nutritional functional foods.



### **ACHIEVEMENTS:**

- Dr Madhuri Pawar is an active member of Sharada Shakti, an organization working for women empowerment. She received first prize for her presentation in international conference, 2015. She has been a reviewer of indexed scientific journals and invited as resource person.
- Dr. Swati Gadgil has been a resource person of the academic activity of Vaidya MVK Pratisthan's Charak Gurukul for past four years. She is also member of ethics committee of regional center of CCRAS Pune. She is a reviewer of some indexed journals. She received first prize for her Ph. D. thesis at National level given away by Ayurveda Teacher's association.
- Dr. Trupti Patil Bhole is member of International academy of Ayurveda and also a reviewer of some indexed journals.
- Dr.SarikaPatil received first Prize for paper presentation in December2022 in international conference on Cancer organized by Ayurveda Cancer research center Wagholi, Pune
- Dr.Madhura Phadtare received first Prize for National level Essay competition in Feb 2024 organized by Rashtriya Shikshan Mandal, Pune
- Renowned persons of having national, international figures and many more teachers have visited and praised the department for its teamwork and futuristic approach.
- **GOLD MEDALLIST OF DEPARTMENT [ PG students ]**
  1. Vaidya Nashir Parmar--2014
  2. Vaidya Aishwarya Koyande--2020
  3. Vaidya Mrinmayee Hedao--2021

## ILLUSTRIOUSALUMNIOFTHEDPARTMENT

- Dr. Omkar Kulkarni, Ex Head, Formulation Development at Charak Pharma, Pune, Maharashtra.  
Currently he is Exercise science specialist lead, new product development Bidada Foods Pvt.Ltd and he is chief consultant of Vedratana Ayurved and Panchakarma Clinic center.
- **Dr. Gaurav Gupte, Director Advanced Integrated Medicine Solutions and Research Head, Urban Ayurveda- Manoved,Pune, Maharashtra**
- **Dr. Swapnil Shinde** is the owner and founder of Ayurved pharmacy unit “**AYUSH Ayurveda LLP” established in Pune district.**
- Dr. Ashutosh Pande ,is Assistant professor at IAMS, Lucknow, UP
- Dr. Poonam Gupte, Senior Research assistant at IRSHA, research center of BVDU, Pune
- **Dr. Nasir Parmar** Gold Medalist of the department **is Professor & Director at EVA college of Ayurveda, Gujarat**
- **Dr. Subodh Kele** a renowned **Ayurvedic Vaidya practicing** for rural needy people with his ayurvedic **therapies at AKOLA, Maharashtra**
- Dr. EktaTomar is associate professor at D.Y.Patil College of Ayurveda, New Mumbai.
- **Dr .Rashmi Kulkarni is practicing as a renowned Vaidya in overseas Dubai**
- **Dr. Prashant Nimbalkar:** Successful *rasavaidya* and **owner of 5 bedded Ayurvedic hospital in Akluj, rural area of western Maharashtra.**
- Dr. Mrinmayee Hedao is assistant Professor at PDEA’s College of Ayurveda and Research Center, Akurdi, Pune , Maharashtra
- **Dr. Viraj Bhandari, is a founder and owner of Ayurveda Spine clinic, non-surgical approach, Pune, Maharashtra.**

## EVENTS ORGANIZED:

- Yearly organization of ‘Ayurvedic Diet Recipe’ competition since 2011-till 2024.
- Organization of ROTP[CME]in Rasashastra Bhaishajyakalpana in 2011
- Organization of Pharmacists day every year to owe thanks and appreciation towards pharmacists working in Ayurvedic dispensing unit and manufacturing unit.
- Organized workshop on Cosmetics for UG students 2024-25



## RESEARCH ACTIVITIES:

### Grant in Aid Research Projects:

Completed: Major - 02 , Minor-03

Ongoing: Minor 02

1. Research Projects for Ph.D.:Completed-04
2. Research Projects for Ph.D. :Ongoing-04
3. Research Projects for M.D. :Completed -57
4. Research Projects for M.D: ongoing: 12

## BOOKS:

1. Khadatar N. PawarM., Standardization of Pathadyasava used In Bronchial Asthma',ed.,KylieWilson Scholars' Press, Sarrbruken, Germany; 2012
2. Wele Asmita, Gadgil Swati: Authored Chapter in the book by Talyor and Francis group, CRC press, London and New York, Title: Nutritional Psychiatry in aging: Leads from Ayurveda with Clinical Evidences, publication 2023

## PUBLICATIONS:

Dr. Madhuri Pawar: 30

Patents: 02 [Dr. Nilima Dharkar & Dr. Madhuri

Pawar]

Dr. Swati Gadgil 15

[Dr. Ankita Shirkande & Dr.

Madhuri Pawar]

Dr.TruptiPatil:16

Dr. Sarika Patil: 2

## TESTIMONIALS

AyurvedaPractitioner:Dr.OmkarKulkarni



Ex.ProductDevelopmentManager,CharakPharmaceuticals

We were fortunate to gain the knowledge of life, Ayurveda and ayurvedic pharmaceuticals along with pharmacology in the department of Rasashastra and Bhaishajyakalpana, BVDUCOA, by all these three ways. It was a wonderful experience to be a part of the department for more than 4 years. I believe whatever I have achieved so far in my life is majorly the fall out of the knowledge gained in the department. Everyone, from Dr. Wele, Dr. Pawar, Dr. More, Vd. Gadgil ; to event help assistants play a crucial role in molding you from a crude BAMS graduate to a well learned person as a whole.



**Dr. Gaurav Gupte (2007-10)**

MD AYURVED,

Director-Dhanwanthari health and wellness solutions pvt ltd

Director - Advance Integrated Medicinesolutions llp Director

– Ward wizard mobility solutions Ltd. & Research head-

Urban Ayurved, Manoverd.

The crucial 3 years of my MD AYURVED were like turning point of my life. We all were exposed to huge field of Rasashastra during the same. Values like Open mindedness and Adaptability adhering to the principles of ayurved were embedded in us which helped me to find myself. Sincere gratitude for all my teachers and support team of RSBKV DEPT.



**Dr. Nashir Parmar**

**(2011-14) Professor**

Eva College of

Ayurved Zanzmer

Road, Supedi Tal.

Dhoraji, Dist Rajkot

Gujarath

“RSBK dept of Bharati Vidyapeeth University is one of the best places to do Post graduation in

Rasashastra and Bhaishajya Kalpana Vigyana. This department is well equipped with instruments and infrastructure, which was helpful to us during our academic years. It

comprises with many ultra-modern facilities for preparation of medicine and research. Department holds the unique position in Ayurveda teaching institutes due to its practical trainings, research output and teachings which is possible only because of consistent efforts of the faculty of this department..

**Dr.Poonam Gupte (2012-15)**

Senior Research Assistant at Obesity & Diabetes

Research Lab, IRSHA, Bharati Vidyapeeth Deemed University  
BAMS, MD [Rasashastra and Bhaishajyakalpana]



“It gives me immense pleasure to talk about my teachers at Rasashastra and Bhaishajya kalpana of BVDUCOA. I owe my entire research approach and mindset to them. They put in all their efforts to inculcate values of work ethics, discipline, and research orientation within us. We had a spacious department which was designed to suit out post graduate curricular activities. There were specific sections; viz quality control lab with well-equipped instruments for analysis of physicochemical parameters of raw herbs and processed formulations..A separate section for incineration of metals and metalloids was provided. The teaching techniques were very engaging and thought provoking. Power point presentations were a helpful tool as many topics were made simpler and interesting. Field trips were arranged to different pharmacies. Besides, a one month- hands on training in a GMP accredited pharmacy provided us a platform to visualize and experience current practices. Conducting demonstrations of drug processing for undergraduates helped us acquire teaching skills as a futuristic career approach. Freedom of expression was a distinct feature given by our teachers which helped us grow. I am totally indebted to my wonderful teachers and proud to be a part of RSBKV.”



**Dr. Ashutosh Pande(2012-15)** I did PhD from BHU after completing MD from BVDU, Pune. Now a days, I am working as an Assistant Professor at the Institute of Ayush Medical Sciences, Lucknow, Uttar Pradesh. I shall always be indebted to passionate teachers of this department for playing an important role in shaping my career and life. I understood the subject and Ayurveda on the basis of classical as well as contemporary parameters due to my learnings at department

of RSBK, BVDU, Pune.



**Dr. Ekta Chauhan [Tomar] Associate professor, School of Ayurveda  
D.Y. Patil University, Vashi, New Bombay**

I completed my postgraduation in 2016. I am currently working as associate professor at D.Y. university school of Ayurveda. I don't know if it is possible to convey in words the sense of gratitude I feel towards my RSBKV Dept., But I want to say from the depth of my heart owe interesting and fulfilling a course it was, and how dynamic my department and the teachers made it. Now as I work as a teacher, I am so pleased and grateful that I had the experience of wonderful teaching and the intriguing course to help me make my own teaching better. Thank you



**Dr. Rashmi Kulkarni**

I reside in Dubai from past 4 and half years. I did my MD from BVDU college of Ayurveda Pune (batch 2014-2017). Currently I work as Ayurvedic Doctor (part time) at Ayurcure Ayurvedic Medical Centre, Khalid Bin Al Waleed Road, Bur Dubai UAE. I am also attached as Assistant Teacher (part time) to the Ananda Ayurveda Academy Illinois, Willowbrook within Soderworld wellness center, and USA for online classes. I am grateful to all my teachers for inculcating a view towards Ayurveda and modern medicine collaboratively helped me a lot."

## PHOTO GALLERY

### WORKSHOP ORGANIZED BY DEPARTMENT FOR UG AND PG STUDENTS ON COSMETIC-COSMOCEUTICAL PRODUCTS PREPARATION [ November 2024]



Dr. Sarika Bhujbal

Ayurveda Based Cosmetics  
workshop for Undergraduate and  
Postgraduate students of  
Rasashastra Evam  
bhaishajyakalpana



Skilled Based learning and Hands on  
training session  
14.10.2024-15.10.2024



Dr. Vaidehi Patankar



### PG STUDENTS ACTIVITIES





Postgraduate Students of department: **Dr. Aarya Dixit and Dr. Sanyogita Patil** received first and second prize in quiz and paper presentation competitions in different conferences and workshops [2024, 2025 events]



Postgraduate Students of department: interactions with **Dr. Neelambari Sardeshmukh** and senior doctor of Ayurvedic cancer research center, Wagholi, Pune June 2023





Postgraduate students of department and HOD: Poster Presentation at National seminar on Rasa Shastra : Concepts to Practices organized by TAMV, Pune. **August 2023**



**Postgraduate Students of department received prizes in National conference 2021**