

**DEPARTMENT OF
RASASHASTRA AND BHAISHAJYA KALPANA**

DEPARTMENTAL PROFILE:

Department deals with ayurvedic pharmaceuticals and ayurvedic pharmacology, subject explains detail about manufacturing procedures of ayurvedic medicines, their mode of actions and therapeutic uses. This branch is 'Backbone' of Ayurvedic medical science, because it develops the thought process in the minds of students regarding a drug activity and rational selection of the raw drugs as well ayurvedic medicines in clinical practice.

FACULTY PROFILE:

Name	Qualification	Designation	Experience
Dr. Wele Asmita	M.D	Professor (On lien for last two years)	
Dr. Pawar Madhuri	M.D	Professor	26 yrs.
Dr. More Nandini	M.D	Asso. Professor	20 yrs.
Dr. Gadgil Swati	M.D PhD(Sch)	Asso. Professor	17 yrs.
Dr. Patil Trupti	M.D PhD(Sch)	Assi. Professor	10 yrs.
Dr. Gaikwad Atul	M.D PhD(Sch)	Assi. Professor	10 yrs.

VITAL STATISTICS:

Sr. No.	Particulars	Quantity
1	Departmental Space	414.02 Sq.mtr.
2	Books in Departmental library	180
3	Charts	32
4	Models	39
5	Specimens	190

MUSEUM:

- Varieties of drug samples collected from different sources are maintained for display. Specimens of Mercury, Mineral, Metal and Herbal raw materials 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 samples of mineral and herbal drugs.
- The specimens of Abhrak [Mica] are collected from corners of India and displayed accordingly. Unique collection of precious, semi-precious stones and '*Parad Shivling*' is also available.
- Informative pictorial charts are displayed which elaborates and explains detailing about concept of Mineral –Metallic and Herbal ayurvedic dosage forms
- Fiberglass models of traditional instrument [*Yantra* ,*Mushi* and *Koshti*] are displayed which are regularly used for the demonstration purpose.

DEPARTMENTAL STRENGTH:

- Well qualified, enthusiastic, well experienced teaching faculty.
- The department hosts teaching pharmacy that manufactures 110 quality medicines for our own Ayurveda hospital.
- The department has conducted many research projects focused on drug development including two major funded and few minor research projects.
- For planning and conducting research projects department has collaboration with other sister concern institutes and industry with interdisciplinary approach.

UNIQUE FEATURES:

- Department runs a separate mini teaching Pharmacy unit, which is a unique facet of the department
- Well equipped analytical laboratory functional for quality control of products and Post graduate research purpose.

- Museum of Minerals and Metals used in Ayurvedic medicines, contains many varieties of same drug including rare specimens like ores of precious stones.
- We are Pioneers in development of fiberglass models of Instruments and equipments used in mercurial processing and various formulations.
- Two projects of the dept. viz. 'Evaluation of *YashadBhasma* in Diabetic neuropathy' and 'Experimental and Clinical Evaluation of Standardized *Krishnavajrabhrak Bhasma* for its *Rasayan Karma* in *Shwas*', are funded by dept. of AYUSH, Govt. of India.
- Developing innovative food products from *Yava* [Barley] –*Yava* soup, *Yava Khakhra*, *Yava Utkarika* and *Yava Halwa* & innovative products like *Bilwa* syrup, *Shalmalimashi* Gel and *Shatawari* chocolate
- Innovative research ideas including Bioavailability assessment of 'Mercury' and "Gold" and "Dashapaki Brahmi Ghruta"
- Dhoopan Kit distribution: In rainy season increase in number of small insects like mosquitoes, fruit fly, house fly lead to occurrence of diseases like chikungunya, dengue, Malaria etc. To overcome this problem, Dhoopana (fumigation) of specific Ayurvedic drugs proves useful which possess antibacterial, antifungal properties. Taking in to consideration the above issue, designing and development of Dhoopana Kit is done by the faculty (Dr. Swati Gadgil and Dr. Madhuri Pawar) of the department in 2016. Kit contained dhoopana Yantra, a mixture of Dhoopana drugs and coal prepared from recycled herbal waste. It was well appreciated by the faculty of the college.
- Ayurvedic Recipe competition: Since last successive eight years department is successfully organizing Ayurvedic Recipe Competition with the objective to find out hidden cooking skills in students. This is an attempt to encourage students for preparation of tasty recipes based on fundamental Ayurvedic principles and its application in clinical practice.

ACHIEVEMENTS:

- Prof. Dr. Asmita Wele has been appointed as a Chairperson, Ayurveda Chair at University of Debrecen, Hungary in November 2016, by Ministry of AYUSH, Govt. of India, New Delhi.

- Dr. Asmita Wele received Pa. Ya. Khadiwale 'Samshodhan Puraskar' in the year 2012

Departmental PG student

- Dr. Nasir Paramar received a 'Gold Medal' in PG examination in 2015
- Dr. Tapas Nikhare and Dr. Swati Gadgil received best paper award by Deerghayu International, DI-Vol.31 DI-123-July-Sep.2015 .
- Dr. Priyanka Mohite received consolation prize for poster presentation in a National seminar "Vishwa vyakhyanmala" in 2017.

EVENTS ORGANISED:

- Organization of RoTP [CME] in Rasashastra Bhaishajya kalpana in 2011

RESEARCH ACTIVITY:

- 1) Funded Research Projects: Completed: Major 01, Minor 03
Ongoing: Minor 03
- 2) Research Projects for Ph.D.: Completed - 00
- 3) Research Projects for Ph.D.: Ongoing- 04
- 4) Research Projects for M.D.: Completed -42
- 5) Research Projects for M.D.: Ongoing - 03
- 6) Books:
 - 'Standardization of "Pathadyasav" used in Bronchial Asthma', Dr. Madhuri Pawar, Dr. Nilakanth Khadatar Scholars' Press Saarbrücken, Germany Kylie Wilson Acquisition Editor
 - 'An Update on Panchagavya Ghrita' Chapters in magazine by Dr. Madhuri Pawar, Dr. Ashutosh Pandey, Amrita Heritage, June 2015, Vol11, Issue 3 June 2015, p 33-36
- 7) Publications:
 - Dr. Asmita Wele: 32
 - Dr. Madhuri Pawar: 17

Dr. Nandini More: 09

Dr. Swati Gadgil: 06

Dr. Trupti Patil: 05

Dr. Atul Gaikwad : 03

TESTIMONIALS:

“Really I am short of words to express my cordial gratitude to your good self and your team. Dedications of team members are palpable there. Agenda of CME is quite justified and rationale. All items compulsory to credit an event as successful are there with prominence. Congratulations to you all for wonderful flawless management.”

Anand Chaudhary, Ph D

Professor, HoD
Department of Rasa Shastra ,
Faculty of Ayurveda
Institute of Medical Sciences
Banaras Hindu University
Varanasi- 221005 INDIA

“RSBK dept of Bharati Vidyapeeth University is one of the best places for study Post graduation in Rasashastra and Bhaishajya Kalpana Vigyana. This department is well occupied 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.

Departments is holding an unique position in teaching field along with practical, that is possible only because of continues efforts of staff of this dept. Teaching staff of this department is well experienced in the field of teaching, practical, clinical and Research activities. Department is also conduction various research activities which are published in renowned journals of Ayurved.”

Dr. Nashir N. Parmar [Batch 2011-2014]

Assistant Professor
Eva College OfAyurved
Zanzmer Road, Supedi
Tal. Dhoraji, Dist Rajkot 360440(Gujarat)

“Born in 551 BC, Confucius, a Chinese teacher and philosopher said "By three methods we may learn wisdom: First, by reflection, which is noblest; second, by imitation, which is easiest; and third by experience, which is the bitterest."

We were fortunate to gain the knowledge of life, Ayurved 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 fallouts of the knowledge gained in the department. Everyone, from Dr. Wele, Dr. Pawar, Dr. More, Vd. Gadgil; to even the lab assistants play a crucial role in molding you from a crude BAMS graduate to a well learned person as a whole.

I thank everyone for being my mentors and even to the college and BharatiVidyapeeth for providing us the facility to pursue our dreams with full dynamism and sincerity.”

Dr. Omkar Kulkarni

A researcher clinician in the field of interdisciplinary Ayurved
BAMS, MD [Rasashastra and Bhaishajyakalpana]

“It given me immense pleasure to talk about my teachers at Rasashastra and Bhaishajyakalpana 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 physic- chemical parameters of raw herbs and processed formulations, 2 laboratories for formulation processing and ample provision of raw materials. 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. Thank you all.”

Dr. Poonam Gupte-Deshpande

Senior Research Assistant at Obesity & Diabetes Research Lab,
IRSHA, BharatiVidyapeeth Deemed University
BAMS, MD [Rasashastra and Bhaishajyakalpana]

PHOTO GALLERY:

FACULTY MEMBERS AND PG STUDENTS



DEPARTMENT MUSEUM



UG & PG PRACTICAL LABORATORY-- PG RESEARCH LABORATORY



AYURVEDIC PHARMACY UNIT, RSBK DEPT, BVDU COA







CME Photographs:





