




AGADTANTRA EVAM VIDHI VAIDYAKA

DEPARTMENT



INTRODUCTION:

The Department of Agadtantra integrates Ayurveda Toxicology, Forensic Medicine, and Medical Jurisprudence, offering Undergraduate, Postgraduate, and Ph.D. programs. It is well-equipped with a dedicated museum, a comprehensive library, and skilled teaching and non-teaching staff to support academic excellence. The Department emphasizes a practical, skill-oriented approach using modern teaching methods such as audio-visual aids and interactive learning, along with educational visits to institutions like court visit, De-addiction centre forensic science laboratories and snake parks. It also provides clinical services through a Vish Chikitsa OPD and IPD for the management of toxicological conditions. Additionally, a well-equipped Yogya Skill Lab with mannequins for procedures like CPR and gastric lavage enhances students' clinical skills and confidence.

FACULTY:

| Sr.no | Name of the faculty | Designation | Qualification | Photo |
|-------|---------------------------------------|-----------------------------------|---------------|--|
| 1. | Dr. Sheetal Pravin Koparde | HOD and Associate Professor | BAMS, MD |  |
| 2. | Dr. Parmeshwar Pralhad Raut | Professor | BAMS, MD |  |
| 3. | Dr. Renuka Yeshwantrao Deshmukh | Assistant Professor | BAMS, MD |  |

NON-TEACHING FACULTY:

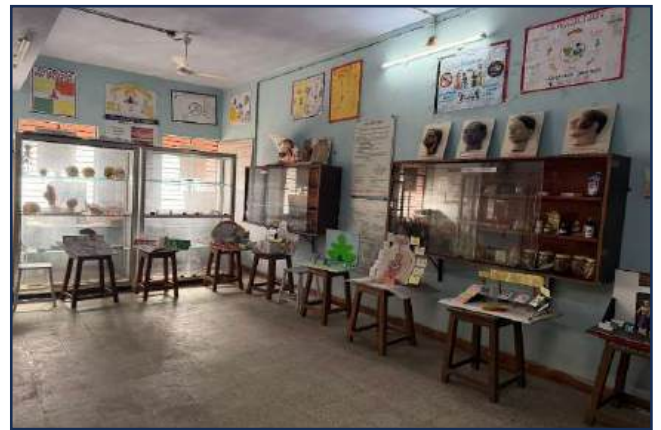
| Sr.no. | Name of the non-teaching faculty | Position | Photo |
|--------|----------------------------------|----------|---|
| 1. | Smt.D. V.Bidve | Lab.tech |  |
| 2. | Mr.R.R.Kabeer | Sweeper |  |

HIGHLIGHTS OF DEPARTMENT:

1. One of the eight branches of Ashtang Ayurveda dealing with Toxicology, Forensic Medicine, and Medical Jurisprudence.
2. Regular OPD services are available.
3. Specialized Ayurvedic treatment for skin diseases based on Dushi Visha, Gara Visha, and Aam Visha principles.
4. Well-equipped IPD facility with trained doctors.
5. Provides teaching to B.A.M.S. (2nd & 3rd year), M.D. Agadtantra (11 ongoing, 5 completed as of 2023), and Ph.D. scholars (3 ongoing).
6. Imparts knowledge of poisonous drugs, their toxic effects, and management.
7. Department equipped with specimens, wet specimen, weapons, models, charts, and books for academic enhancement.
8. Organizes educational visits: post-mortem, court, de-addiction centres, snake parks, and forensic science laboratories.
9. Conducts seminars to train postgraduate students in teaching and academics.
10. Covers topics like cumulative toxicity, incompatible diet, cosmetic toxicity, and food poisoning (Ayurveda & modern view).
11. Encourages quality research through postgraduate dissertation work.
12. Ongoing student research activities :-
 - a. PG student: - Mr. Shubham Dhoot, under STRG- Assessment of the Anticancer Activity and Mechanistic Insights of Raktamrut Vati on leukemia cells: An In vitro study.
 - b. UG student:- Mr. Shubham Ansaji Londhe, SPARK ID- SPARK/2024/3948/528 -Assessing the Antimicrobial Potential Of Jatwadi Dhoomagad Room Freshner- An Experimental Study.



FACULTY AND PG STUDENT PILLERS OF AGADATANTRA



TOXICOLOGICAL SPECIMEN LAB



**PG READING ROOM WITH MODELS
AND CHART**



AGADATANTARA RESEARCH LAB



VISHACHIKITSA OPD AND IPD



RAKTAMRUT IN HEMOPHELIA SANSHODHAN VIKAS PRAKALPA



NASHA MUKTA BHARAT ABHIYAN ORGANIED BY AGADTANTRA DEPARTMNET WITH COLLABRATION DISTRICT LEGAL SERVICE DHARASHIV AND AYUSH DEADICTION CENTER



AGDATANTRA AND FORENSIC PSYCHIATRY BOOK RELEASE CEREMONY OF DR SHHETAL KOPARDE AND DR RENUKA DESHMUKH



NIMA GOURAV PURASKAR 2025

DELIVERD RESEARCH GUEST LECTURE



GOOD CLINICAL PRACTICE - DEPARTMENTAL SEMINAR

DEPARTMENTAL VISIT



COURT VISIT



AUYSH DEADICATION CENTRE VISIT

ANIMAL HOUSE VISIT AT LATUR



YOGYA SKILL LAB – CPR DEMONSTRATION

ON GOING PG THESIS:

| No | Name of the students | Name of the title |
|----------------|---------------------------|---|
| YEAR 2023-2026 | | |
| 1. | Nanda Manohat Dhabadkar | Randomised controlled clinical trials to evaluate the efficacy of Manjishthadi Agad in management of Garvishajanya Pandu |
| 2. | Mandakini Thokal | Randomized controlled clinical trials to evaluate the efficacy of somarajyadi lepa and its ointment in case of dushivishjanya ekakustha w.s.r to psoriasis. |
| 3. | Rajeshree Nagnath Gadekar | Randomised controlled clinical trials to evaluate the efficacy of dashang agad in the management of dengue fever w. S. R. To thrombocytopenia and leucopenia. |
| 4. | Maroti Tukaram Malge | Comparative study of hepatoprotective effectiveness of manjistha kwath and Shirish kwath in methotrexate induced hepatotoxicity in vivo study |
| 5. | Shubhan Ramnarayan Dhoot | To evaluate safety and hepatoprotective activity of raktaphaladi vati against ethanol induced hepatotoxicity in vivo study |
| YEAR 2023-2026 | | |
| 1. | Payal Bhimrao Rathod | Evaluation of efficacy of Jati grita in carboplatin induced toxicity in albino wistar rat – In vivo study |
| 2. | Shivalika Sunil Sangekar | A Comparative in Vivo study of Hepatoprotective effect of Manjishtha Kwatha and Haridra Kwatha in Paracetamol induced Hepatotoxicity in Albino Wistar Rat |
| 3. | Kiran Shantaram Kapadia | In-vivo study of efficacy of manjishta kwath in cisplatin induce toxicity in wistar rats |
| 4. | Dipali Bapurao Pulkanthe | Comparative in vivo study of punarnava kwath and Shirish kwath in ibuprofen induced nephrotoxicity in albino wistar rat |
| 5. | Vaibhav Sanjeev More | A comparative in vivo study of hepatoprotective effect of haridra kwath and shirish kwath in rifampicin induced hepatotoxicity in albino wistar rat. |

| YEAR 2024-2027 | | |
|----------------|--------------------------------|---|
| 1. | Shrutika Mahesh Vyawahare | In Vivo study of efficacy of Dushivishari agad in Profenophos induced toxicity in Albino wistar (Rats). |
| 2. | Pushpa Prakash Solunke: | Evaluation of anti-toxic effect of Aragvadh Phalmajja Phant in Carboplatin induced toxicity in Albino wistar (Rats) – In vivo study. |
| 3. | Dhanashri Dattatray Pakhare | Evaluation of the Safety and Efficacy of Karviradi Oil and it's ointment in 2,4-Dinitrofluorobenzene Induced Allergic Contact Dermatitis in BALB/c mice: In vivo Study. |
| 4. | Rahul Sukhdevrao Ambure | Evaluation of anti-toxic effect of varun-shirish-Amra Kwath in oxaliplatin induced toxicity in Albino wistar rats- In vivo study. |
| 5. | Vijayalaxmi Dattatray Hingmire | Evaluation of antitoxic effect of murvadi churna in selenium compound (sodium selenite) induced toxicity in albino wistar rats - in vivo study. |

ON GOING PHD THESIS:

| Sr.no | Name of the students | Name of the title of thesis |
|-------|----------------------|---|
| 1. | Dr.kiran Nimbalkar | Effect of Agasty Rasayan in respect to air pollution in urban area on Pranava Strotas |
| 2. | Dr.Neelam Valhekar | Assessment of Prapunnat Bijadi Lepa in Mangement of Dadru (tinea corporis) |
| 3. | Dr.Poonam Mohokar | Correlation of Ashumrutakpariksha in kautilya arthshastra with early postermortem findings according to Forensic Medicine in unnatural deaths |