

1. Quality control tools in pharmaceutical research and measuring behavioral responses in lab animals

 ASHOKRAO MANE COLLEGE OF PHARMACY Approved by PCI, New Delhi, Government of Maharashtra, DTE, Mumbai Affiliated to Shivaji University, Kolhapur & MSBTE, Mumbai Estd. 2008 Accredited 'A' Grade by NAAC (CGPA: 3.18) Founder President: LATE SHRI ASHOKRAO MANE President: SHRI. VIJAYSINH MANE Peth Vadgaon, Tal. Hatkanangale, Dist. Kolhapur, Maharashtra, PIN 416 112 Web: www.amcoph.org E mail: amcopharm@gmail.com	
Event Title	Report on Organizing ONE-DAY WORKSHOP on "Quality Control Tools in Pharmaceutical Research and Measuring Behavioral Responses in Lab Animals"
Organized by	Ashokrao Mane College of Pharmacy, Peth-vadgaon Dist: Kolhapur, in Collaboration with Shri Yashwant Ayurvedic College Post Graduate Training & Research Centre, Kodoli,
Day & Date	Friday, 25th April, 2025
Description	We Ashokrao Mane College of Pharmacy, Peth-vadgaon organized one-day workshop on "Quality Control Tools in Pharmaceutical Research and Measuring Behavioral Responses in Lab Animals" in Collaboration with Shri Yashwant Ayurvedic College Post Graduate Training & Research Centre, Kodoli, Panhala, Dist : Kolhapur, conducted by PG departments in which all faculty members and PG students participated actively. The workshop aimed to provide Interactive session on laboratory techniques, pharmaceutical science experiments, and proper handling of laboratory animals. The participants included PG students and Faculty members of Yashwant Ayurvedic College Kodoli all of whom were eager to enhance their practical knowledge and skills. In total 90 PG BAMS students had participated. The program commenced with an introduction of each department, presented by the respective Heads of Departments (HODs). At Pharmaceutical Department students were welcomed by Ms. S. S. Suryawanshi madam who provide informative session on the Pharmaceutics Department, where participants were introduced to the department's key areas of focus, including drug formulation, delivery systems, and pharmaceutical technology. Also PG students demonstrated working of instruments such as Sonicator, Sieving machine, dissolution methodology and process as well as about tablet punching and tablet punching machine. Dr. Sanganna.C.Burli, Head of the Pharmacology Department, delivered an introduction to the students about the department, covering the fundamentals of pharmacology and its applications in research. Postgraduate students from the Pharmacology department demonstrated various experimental instruments explaining principle and working to the students, including the Digital Rota-rod apparatus, Eddy's Hot Plate, Digital Plethysmometer, Digital Student's Organ Bath, and Digital Electro-convulsometer. Additionally, some students demonstrated the proper handling techniques in accordance of CCSEA guidelines of laboratory animals, such as mice and rats, while others had the opportunity to gain hands-on experience in animal handling. Along with PG students Head of Department Dr. S. B. Sutar Quality Assurance provided an insightful overview of Quality Assurance vital role in ensuring the safety, efficacy, and consistency of pharmaceutical products. Also demonstrated handling of HPLC, UV spectrometer through practical examples and interactive discussions.



Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap
ASHOKRAO MANE COLLEGE OF PHARMACY

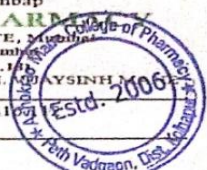
Approved by PCI, New Delhi, Government of Maharashtra, DTE, Mumbai

Affiliated to Shivaji University, Kolhapur & MSBTE, Mumbai

Estd. 2006 | Accredited 'A' Grade by NAAC (CGPA: 3.18)

Founder President: LATE SHRI. ASHOKRAO MANE | President: SHRI. V. M. PATIL

Peth Vadgaon, Tal. Hatkanangale, Dist. Kolhapur, Maharashtra, PIN 416112
Web: www.amcoph.org | E mail: cobbpharm@gmail.com



Further the workshop featured an informative session introducing the Pharmacognosy department, where participants were given insights into the study of medicinal plants and natural products. The department's HOD **Dr. Poonam N. Chougule** highlighted the importance of Pharmacognosy in drug discovery, focusing on the extraction, identification, and analysis of bioactive compounds from natural sources. PG students actively demonstrated apparatus used for extraction and isolation such Soxhlet extractors and Rotary Evaporator, calculation of Moisture content, Ash value.

The one-day workshop on "**Quality Control Tools in Pharmaceutical Research and Measuring Behavioral Responses in Lab Animals**" was extremely successful in achieving its objectives. The event underscored the importance of blending theoretical knowledge with practical expertise and reinforced the role of ethical considerations in scientific research. Overall, the workshop contributed significantly to the professional development of its participants and their attentiveness for future research challenges in pharmaceutical sciences. At the end of the Program **Dr. A. P. Gadad** Principal, AMCP, Peth Vadgaon felicitate the Ayurvedic HOD and Staff members at Principal Chamber.



Dr. S. C. Burli
HOD, Dept of Pharmacology

Prof. V. M. Patil
IQAC CO-ORDINATOR
Ashokrao Mane College of Pharmacy,
Peth-Vadgaon.

Dr. A. P. Gadad
PRINCIPAL
Ashokrao Mane College of Pharmacy
Peth-Vadgaon, Dist. Kolhapur