



MAHARASHTRA EDUCATIONAL SOCIETY'S  
**H. K. COLLEGE OF PHARMACY**  
PRATIKSHA NAGAR OSHIWARA, JOGESHWARI (W), MUMBAI 400102  
NAAC Accredited Grade 'A'



**Date/Day:** 8th April 2026, Wednesday

**Title of Event:** Basic to Advance Quality by Design (QbD) Workshop

**Organized by:** H. K. College of Pharmacy in collaboration with IQAC, Scientific Committee and Institution Innovation Council (IIC)

**Program Outcome:** PO1, PO2, PO3, PO4, PO5.

**Objective:**

- To introduce the concept and importance of Quality by Design (QbD) in pharmaceutical development.
- To provide knowledge on transitioning from basic to advanced QbD approaches.
- To enhance understanding of systematic drug development and risk-based methodologies.
- To bridge the gap between academic learning and industrial practices.
- To encourage students toward careers in pharmaceutical research and development.

**Details of the Organizers:** Dr. Tushar Lokhande (Principal & Professor (HOD) of Pharmaceutical Chemistry), Dr. M. N. Saraf (Professor (HOD) of Pharmacology) and Dr. Akanksha Singh (Associate Professor in Pharmacology)

**Details of the Resource Person/Event:**

Speaker: Mr. Deepak Singh

Qualification: B. Pharm (Pune University), M. Pharm (Mumbai University)

Designation: Pharma Business Development Manager, Ganson Limited, Mumbai.

Experience: 12+ years

Date: Wednesday, 8th April

Time: 11:00 AM to 4:00 PM

Venue: 4th Floor Auditorium, H.K. College of Pharmacy (HKCP), Mumbai

Target Audience: Undergraduate and postgraduate pharmacy students and faculty members

**Workshop Plan:**

- Formal welcome of the speaker and participants
- Expert session on fundamentals and advanced concepts of QbD



- Discussion on application of QbD in drug development and pharmaceutical industries
- Case-based learning and practical insights
- Interactive question-and-answer session

#### **Participants Details:**

**Total no. of college students: 19**

**Total no of Faculty: 7**

#### **Summary of Activity:**

The workshop titled “Basic to Advance Quality by Design (QbD)” was successfully conducted on Wednesday, 8th April from 11:00 AM to 4:00 PM at the 4th Floor Auditorium, H.K. College of Pharmacy, Mumbai. The session began with a warm welcome of the resource person, Mr. Deepak Singh, an experienced Pharma Business Development Manager Ganson Limited, Mumbai with over 12 years of industry experience.

Mr. Singh delivered an insightful session covering both fundamental and advanced aspects of Quality by Design (QbD). He emphasized the importance of QbD in ensuring product quality, regulatory compliance, and efficient pharmaceutical development. The session included discussion on critical quality attributes (CQA), critical process parameters (CPP), risk assessment, and design space.

The speaker also shared real-world industrial examples and practical approaches to implementing QbD in drug formulation and manufacturing. Participants gained valuable exposure to industry-relevant concepts, enhancing their understanding of modern pharmaceutical practices.

The workshop was interactive, with students actively participating in discussions and clarifying their doubts during the Q&A session. The program concluded with a vote of thanks, expressing gratitude to the speaker for his valuable contribution.

#### **Photo gallery/ Brochure:**




Maharashtra Educational Society's  
**H. K. COLLEGE OF PHARMACY**  
Approved by P.C.I. D.T.E, Govt. of Maharashtra & Affiliated to University of Mumbai.  
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INSTITUTION'S  
 INNOVATION  
 COUNCIL  
University of Education, India

(UNDER THE AEGIS OF IQAC)  
**Scientific Committee**  
 in Collaboration with  
**Institution's Innovation Council**  
 Department Of Pharmacology Organizes  
**Basic to Advance Quality by Design Workshop**  
 By Deepak Singh

B Pharm - Pune University  
 M Pharm - Mumbai University  
 Pharma Business Development Manager  
 (12+ years of work experience)

- Conducted over 15+ workshops on Quality by Design for pharmacy student
- Trained over 250+ participants in the QbD approach for drug development
- Technical speaker at Various colleges like ICT, NMIMS, BCP and NIPER





Wednesday 8<sup>th</sup> April



11 AM to 4 PM



4th Floor Auditorium,  
 HKCP, Mumbai

<b>Dr. Tushar Lokhande</b> ( PRINCIPAL )	<b>Dr. Akanksha Singh</b> ( CO- ORDINATOR )
<b>Mr. Amaan Tambu</b> STUDENT COUNCIL ( GENERAL SECRETARY )	<b>Mr. Nitesh Gupta</b> STUDENT COUNCIL ( SCIENTIFIC HEAD )

VISION: To be recognized as an Institution providing quality education in pharmacy to serve the healthcare sector.





**Key Outcome of the Lecture/Activity:**

- Participants developed a clear understanding of QbD principles and their application in pharmaceutical development
- Students gained insights into industrial practices, risk assessment, and regulatory expectations
- The session motivated students to pursue careers in pharmaceutical research, formulation development, and quality assurance

**Links for social media:**

<b>LinkedIn:</b>	<a href="https://www.linkedin.com/posts/h-k-college-of-pharmacy-mumbai-303524222_a-basic-to-advance-quality-by-design-qbd-share-7453267433466867712-ibDR?utm_source=share&amp;utm_medium=member_desktop&amp;rcm=ACoAADf2WrMBUFgAeZVznddoMfc3VtpDnyqdS4Y">https://www.linkedin.com/posts/h-k-college-of-pharmacy-mumbai-303524222_a-basic-to-advance-quality-by-design-qbd-share-7453267433466867712-ibDR?utm_source=share&amp;utm_medium=member_desktop&amp;rcm=ACoAADf2WrMBUFgAeZVznddoMfc3VtpDnyqdS4Y</a>
<b>Facebook:</b>	<a href="https://www.facebook.com/photo/?fbid=1442334844572820&amp;set=a.470185965121051">https://www.facebook.com/photo/?fbid=1442334844572820&amp;set=a.470185965121051</a>



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<b>Instagram:</b>	<a href="https://www.instagram.com/p/DXf1YkYCF5w/?utm_source=ig_web_copy_link&amp;igsh=MzRIODBiNWF1ZA==">https://www.instagram.com/p/DXf1YkYCF5w/?utm_source=ig_web_copy_link&amp;igsh=MzRIODBiNWF1ZA==</a>
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**Organized By:**

Dr. Akanksha Singh  
Associate Professor  
Pharmacology  
Event Co-ordinator

Dr. M. N. Saraf  
Professor (HOD)  
Pharmacology  
Event Co-ordinator

Dr. Archana Upadhya  
Associate Professor  
Pharmacology  
IQAC Co-ordinator

Dr. Tushar Lokhande  
Principal, Professor

