

National Symposium-cum-Workshop  
on  
**Contemporary Trends, Tools and Techniques in  
Pharma Quality by Design (QbD):  
From Conceptualization to Implementation**  
20-21 April 2023

Organized by



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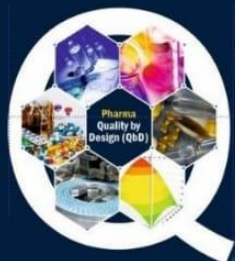


**SYMPOSIUM PROGRAM**

Venue: Golden Jubilee Seminar Hall, Panjab University Campus

Day 1: Thursday, 20<sup>th</sup> April 2023

Time	Activity / Expert Talk
08:00 to 08:45 a.m.	<b>REGISTRATION</b>
09:00 to 11:00 a.m.	<p><b>Inauguration</b>            PU Anthem  <b>Keynote Address on 'Pharmaceutical Product Development and Manufacturing under QbD Framework'</b>            Dr Gautam Samanta, Vice President &amp; Head, QbD &amp; Tech Transfer, Cipla Ltd., Mumbai, Maharashtra            Lighting of Lamp            Welcome address: Professor Indu Pal Kaur            About the Symposium-cum-Workshop: Professor Bhupinder Singh Bhoop            UIPS at a Glance            Address by the Chief Guest: Professor Renu Vig, Vice Chancellor, Panjab University            Release of the Symposium Abstract Booklet (CD version)            Felicitations            Words of Gratitude: Professor Thakur Gurjeet Singh</p>
11:00 a.m.	<i>Inaugural Tea</i>
SESSION	Vital Fundamentals of Pharma QbD
11:40 a.m. to 12:20 p.m.	<p>Professor Harish Dureja            Head, Department of Pharmaceutical Sciences; Director, Centre for IPR Studies &amp; Professional Consultancy Cell; Maharshi Dayanand Univ., Rohtak, Haryana  <b><i>Design of Experiments (DoE): Concepts and Implementation</i></b></p>
12:20 to 12:45 p.m.	<p>Professor Daisy Arora Khurana            Professor &amp; Academic Head, Department of Pharmacy, Panipat Institute of Engineering &amp; Technology, Panipat, Haryana  <b><i>QbD-Enabled Development of Novel Drug Delivery system: Case Studies</i></b></p>
12:45 to 01:05 p.m.	<p>Dr Poornima Tiwari            Deputy Manager, R&amp;D (QA), Nectar Lifesciences Ltd., Punjab  <b><i>Quality Risk Management (QRM): A Quintessential Element of Pharma Quality by Design (QbD)</i></b></p>
01:05 to 01:35 p.m.	<p><b><i>Consolidation and Q &amp; A Session</i></b>            Professor Bhupinder Singh Bhoop, Session Chair            Emeritus Professor, Chitkara University, Punjab</p>
01:35 p.m.	<b><i>Lunch</i></b>
02:15 to 05:00 p.m.	<p>Dr Muralidhara Anandamurthy            JMP, Bengaluru, Karnataka  <b><i>QbD/DoE Workshop using JMP Software</i></b></p>
05:00 to 06:00 p.m.	<b><i>Poster Sessions &amp; Evaluations</i></b>



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**Day 2: Friday, 21<sup>st</sup> April 2023**

Time	Activity / Expert Talk
<b>SESSION</b>	<b>Diverse Applications over Pharma Product Life Cycle</b>
09:00 – 09:40 a.m.	Dr Asha Patel Associate Professor, Pharmaceutics Department, Parul Institute of Pharmacy, Parul University, Vadodara, Gujarat <i>Application of Multivariate Tools and Chemometric Techniques for QbD-Enabled Pharmaceutical Product Development: Case Studies</i>
09:40 – 10:10 a.m.	Dr Gautam Samanta Vice-President, Cipla Ltd., Mumbai, Maharashtra <i>Optimization and Scale-up of Active Pharmaceutical Ingredients using QbD, Modeling and Simulation</i>
10:10 – 10:35 a.m.	Professor Sachin Kumar Singh School of Pharmaceutical Sciences, Lovely Professional University, Phagwara, Punjab <i>Role of QbD in Solidification of Liquid Formulations</i>
10:35 – 11:05 a.m.	<i>Tea</i>
11:05– 11:30 a.m.	Dr Teenu Sharma Assistant Professor, Chitkara College of Pharmacy, Rajpura, Punjab <i>Analytical QbD: Application of QbD in Analytical Method Development</i>
11:30 – 12:20 p.m.	Professor Bhupinder Singh Bhoop Emeritus Professor, Chitkara University, Punjab <i>Pharma QbD during Product Life Cycle: Vital Considerations &amp; FAQs</i>
12:20 – 1.20 p.m.	<i>Panel Discussion and Q &amp; A Session</i> Dr Gautam, Prof Bhupinder, Prof Vandana, Prof Indu Pal & Dr Muralidhara
01:20 p.m.	<i>Lunch</i>
<b>02:20 to 05:00 p.m.</b>	<b>VALEDICTORY SESSION</b>
02:20 – 03:20 p.m.	Valedictory Keynote Talk on <i>Nano Formulation-by-Design: Translational Case Studies</i> Professor Vandana Patravale Professor of Pharmaceutics, Department of Pharmaceutical Sciences & Technology, Institute of Chemical Technology, Mumbai, Maharashtra
03:20 to 05:00 p.m.	Valedictory Function & Group Photograph Opening Remarks: Professor Bhupinder Singh Bhoop Presidential Remarks: Prof Archana Mantri, Vice Chancellor, Chitkara University Paper Presentation Awards Words of Gratitude