DR. L. H. HIRANANDANI COLLEGE OF PHARMACY

organizes

One Day Seminar On

INSIGHTS INTO DISSOLUTION TESTING AND RELEASE STUDIES

September 3, 2016

ABOUT THE SEMINAR

Broad Perspective

In the pharmaceutical industry, dissolution testing/release studies is an important tool in both drug development and quality control. It is used to assure batch-to-batch quality as well as providing process control information as part of the new approach to Process Validation.

Dissolution testing/release studies is usually connected to *in vivo* performance because the API must be released from the formulation in the gastro-intestinal tract (GIT) before in vivo absorption can occur. Therefore dissolution testing is routinely employed during drug product development and optimization. Where dissolution testing data can be shown to be correlated to *in vivo* performance, clinical trials may be avoided under certain circumstances, thereby reducing development time and costs.

The application of dissolution testing/release studies has expanded to a variety of "novel" or "special" dosage forms as these formulations have become more prevalent due to complexities of drug delivery. There has been an increased development of modified testing methods to characterize the in vitro release of these dosage forms.

HIGHLIGHTS

- ✓*In vivo Relevant Dissolution Testing*
- ✓*Development of Dissolution Methods*
  - *How to set Specifications?*
  - *Analytical Validation*
  - *Practical Recommendations*
- ✓*OOS Results in Dissolution Testing*
- ✓*The Importance of Biowaiver in Drug Product Development*
- ✓*Dissolution Profile Comparison*
- ✓ *Release studies of nanosystems*

LEARNING OUTCOMES

The information that is shared and inculcated during this seminar would improve technical competency of all participants and enhance their ability to

- ✓ *Understand all aspects of dissolution/release studies needed for successful research work.*
- ✓ *Design and develop the dissolution method for NDDS*
- ✓*Avoid or tackle troubleshooting issues encountered during analytical method development for dissolution testing/release studies.*
- ✓ *Understand and correlate the regulatory aspects of dissolution.*
- ✓ *Explain confidently about OOS, Biowaiver etc.*

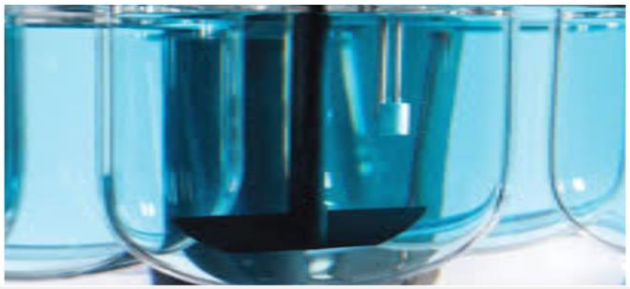
Final Year B. Pharm students | M. Pharm & Ph.D. Students | Faculty and Industry

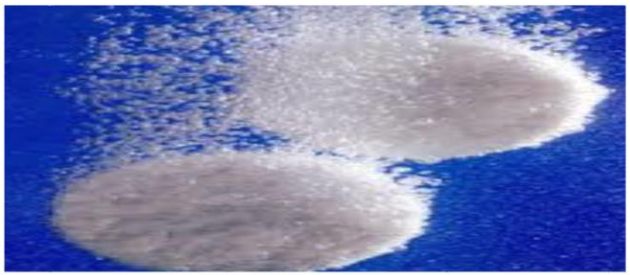
REGISTRATION CHARGES

Delegates	Till 29th AUG	Till 2nd SEPT	Spot Registration
Final year B. Pharm , M. Pham and Ph.D students	350	400	450
Faculty and Industry	500	600	700

Registration includes Kit and Lunch.
Registration available for limited seats.

Website : www.dlhhcop.org





Venue: Dr. L H Hiranandani College of Pharmacy, Smt. CHM College Campus, Opp. Railway station, Ulhasnagar – 421 003, Dist. Thane (Maharashtra)

EMINENT SPEAKERS

9.30-10.00	**Registration**
10.00-10.30	Welcome Address
10.30-12.30	**Basic Approach to Dissolution Method Development- Challenges and Regulatory Aspects.** Dr. Harshal Pawar, HOD, Quality Assurance Dr. L. H. Hiranandani College of Pharmacy
12.30- 1.15	Lunch
1.15- 3.00	**Development and Validation of Analytical Method for Dissolution Testing/Release studies.** Dr. Paraag Gide, Principal, Dr. L. H. Hiranandani College of Pharmacy
3.00-3.15	Tea
3.15-4.45	***In Vitro* Release Studies on Nano Systems.** Dr. Ankitkumar Jain, Formulation Scientist , MAPLAB, Merck Healthcare Pvt. Ltd.

CONVENER

Mrs. Rachel Geevarghese, HOD-Pharmaceutics

SEMINAR COORDINATORS

Mrs. Sushma Singh (9321535199)
Dr. Meghana Babar (9987574397)

ORGANISING COMMITEE

Dr. Nilesh Khutle
Mr. Yogesh Choudhary
Mr. Sanket Dharashivkar

UPCOMING EVENTS

HANDS –ON TRAINING IN USE OF NANONISATION EQUIPMENTS LIKE SPRAY DRYER, HIGH PRESSURE HOMOGENIZER AND PARTICLE SIZE ANALYSER.

ABOUT COLLEGE

The college was established in 2004 in the sprawling CHM campus as a proud addition to the Institutes managed by Hyderabad (Sind) National Collegiate Board. The college initially conducted the Bachelor of Pharmacy (B. Pharm.) course. Over the years the college grew in strength, crossing many milestones and soon becoming well known for its discipline and high academic standards. With excellent infrastructure, committed and knowledgeable faculty, hard working non-teaching staff and a conducive environment for teaching learning process as its corner stones, the college built a strong undergraduate program. This is reflected in consistently excellent performance of the students at the University and competitive examinations and has transpired in good placement and career progression of the graduating students. Bolstered by the success of the B. Pharm. program and with encouragement from the management, the college extended itself to begin the Master of Pharmacy (M. Pharm.) courses in specializations of Pharmaceutics, Quality Assurance, Pharmacology and Pharmaceutical Chemistry

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REGISTRATION FORM

1. Name: Mr./Ms./Prof./Dr._____
_____
2. Name and Address of the Institute:
_____
_____

3. Qualification and Designation: _____
4. Address for Communication:_____
_____
Mobile: _____
Email:
_____
___

5. Registration fees_____by D.D/Cash
D.D no._____ Date: / / 2016
In favor of " The Principal, L. H. Hiranandani College of Pharmacy " payable at Mumbai.

Participant's Signature

Seal of College

Entries can be mailed to **dissolutionseminar2016@dlhhcop.org** by 29/8/2016 . Coordinators may be contacted for any further details of the seminar.

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