

Date: 29.05.2020

e-Guest Lecture Report

Resource Person: **Dr. Kalpana Patel**
Professor,
Anand Pharmacy College,
Anand.

Date of Lecture: 28.05.2020

Time: 4:00 – 5:30 pm

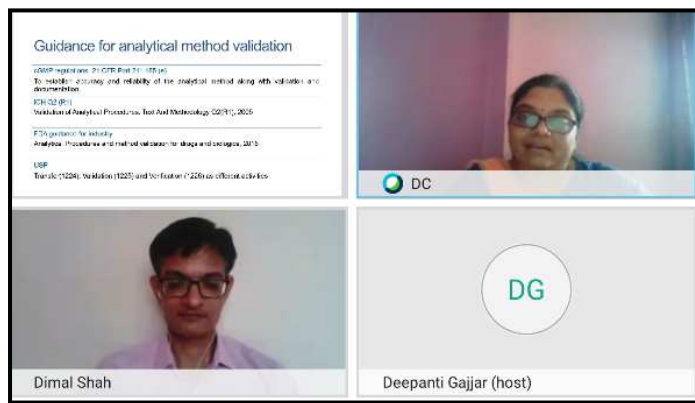
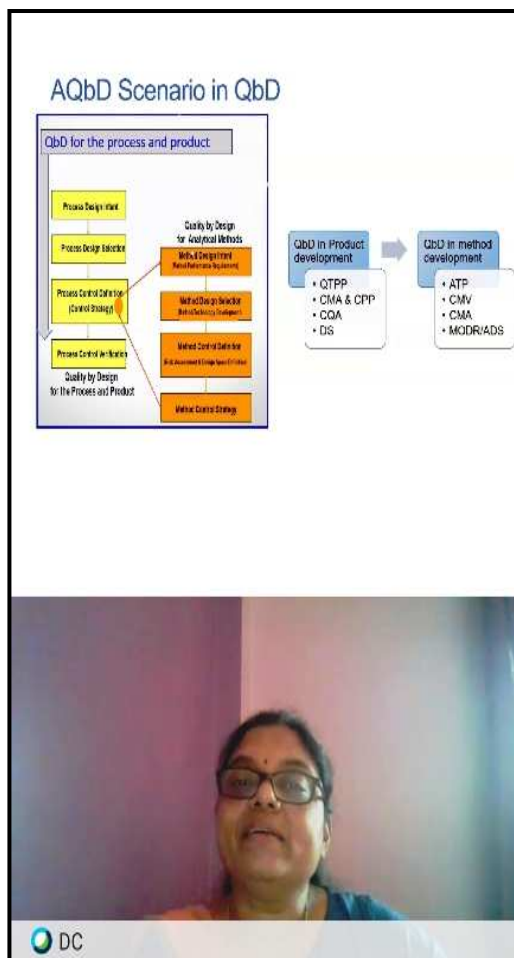
Topic of lecture: “QbD in Analytical Method Development”

To enhance and upgrade the knowledge of students and faculty members in Covid pandemic time, e-Guest lecture series was organized on the Topic ‘QbD in Pharmaceutical science’. The first guest lecture was organized on topic “**QbD in Analytical Method Development**” by Dr. Kalpana Patel on 28th May 2020 for students of M.Pharm sem II & IV, B.Pharm Sem VI & VIII and Faculty members via WebEx platform.

Dr. Kalpana Patel is presently working as Professor and academic head at Anand Pharmacy College, Anand. She has more than 21 Years of teaching experience and published more than 60 research papers. She has delivered many talks on analytical method development, Concept of QbD and DoE and herbal drug standardization. Dr. Kalpana Patel was welcomed by Dr. Vandana Patel, Principal, Babaria Institute of Pharmacy.

Dr. Patel started her talk with the basic concept of QbD and ICH Q14 guideline. She explained that for the first time guideline on analytical method development is under consideration at ICH. She explained various stages of product development cycle and said that analytical method should follow a life cycle approach. She discussed role of analytical method at various product development stages and problems faced in development of method. She gave idea about various steps involved in Analytical Quality by design, importance of risk identification and analytical target profile. She explained design expert software and gave examples how QbD concept can be applied in analytical method development and critical parameters identification.

The session was highly interactive and faculty members and students asked various problems related to analytical method development. At last, Dr. Dimal Shah, Profesors, BIP proposed vote of thanks.



Dr. Dimal Shah
Convener
Committee for seminars and Guest Lecture

Dr. Vandana B. Patel
Principal, BIP