



Education & Hands-on Training

17-18 April 2017

Design of Experiments (DoE), Quality by Design (QbD)

Certification course for enhanced career growth

Organized by:

ANAND PHARMACY COLLEGE, Managed by Shri Ramkrishna Seva Mandal
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Course for beginner

"Quality cannot be tested into products, it should be built in, or by design"



ORGANIZING COMMITTEE:

Prof. **MUKESH C. GOHEL**, PG Research Director

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Dr. **PURVI A. SHAH**, Professor, Pharmaceutical Analysis Department

Dr. **VAISHALI T. THAKKAR**, Professor, Pharmaceutics Department

LALJI H. BALDANIYA, Asst. Professor, Pharmaceutics Department

Who Should Participate?

- This course is valuable for research scholars, industry personnel, R&D staff, QA staff and personnel engaged in marketing of pharmaceutical products to the developed countries.
- The course will be of immense value for the postgraduate and research scholar pursuing their PhD in Pharmaceutical Sciences.

Course Outline

Topic-1: Design of Experiments (DoE)

- The salient feature is the hands-on training on computer.
- Detailed knowledge on screening designs, factorial design, central composite design, and fractional factorial design will be given. Stress will be given on interpretation of the results of multiple regression analysis.
- Introduction to multivariate tools will also be covered. The participants will be able to analyze the data and define the design space.

Topic-2: Quality by Design (QbD)

- The new quality mantra is "The quality should be built into, rather than tested into the finished product". Exhaustive use of science and engineering is recommended in arriving at the quality of the product.
- Training on QbD will be given in various modules. The program includes introduction to QbD, QTPP, elements of QbD, Ishikawa diagram, Quality risk management (QRM), identification of CMA, CPP, continuous improvement, etc.
- Introduction to PAT and lean drug manufacturing will also be covered.

Registration Fee: Research scholar: ₹ 2000/- | Academician: ₹ 2500/- | Industry Person: ₹ 3500/-

General information: Fees includes certificate, Registration kit, Refreshment and Comprehensive course materials. It does not include dinner and accommodation. All other charges are to be borne by participant. The participant will have to make their own travel and accommodation arrangements. Course Timing: 11:00 to 17:00

We have a total of 24 seats. Participants will be registered on first-come-first served basis. Spot registrations will not be entertained.

The organizers reserve the right to change the published programme and course content as circumstances dictate. There is no refund policy for cancellations.

Photocopied or downloaded registration form will also be accepted. Registration form available on: www.apc.ac.in
For any assistance related to registration please contact us on: +91-997.996.1431 | rxlaljipharma@gmail.com

Last date for registration:
13 April 2017