

**REPORT on
A Two Day Workshop on
PK/PD Modeling: Concepts, Applications and Hands on Training using Phoenix
WinNonlin Platform**

[September 13-14th, 2015]

A two day workshop on **“PK/PD Modeling: Concepts, Applications and Hands-on Training using Phoenix WinNonlin Platform”** was organized by Maliba Pharmacy College on September 13-14th, 2015. The workshop was convened and co-ordinated by Dr. Sanjay Tiwari and Dr. Pranav Shah, respectively. A total of 35 participants representing 13 different institutes/colleges attended this workshop. Most of them were Faculty Members and Research Scholars belonging to Pharmaceutics and Pharmacology Departments. Dr. Venkateshwari Muthukrishnan, a Senior Scientific Consultant at Certara USA, Inc., was the resource person. The proceedings started with the felicitation of Dr. Muthukrishnan and introduction about the workshop content by Dr. Shailesh A. Shah, Principal, Maliba Pharmacy College.

Morning session of the first day was held in the Conference Room with presentation by the expert on the fundamental concepts and which was followed with a healthy discussion. In-class handouts and additional pertinent references were provided to the participants in order to deepen and apply understanding of fundamental concepts and real-world applications. Rest of the scientific sessions were held in IBM lab and were of hands-on nature. Each participant had his/her own lap-top with appropriate PK/PD software installed beforehand. These hands-on computer sessions helped to reinforce the important concepts by means of computer simulations and allowed participants to explore "what-if" scenarios on their own. A set of PK/PD modeling and analysis spreadsheets along with a manual (developed by Dr. Muthukrishnan) were provided for self-study. In addition, free one month trial version of the software was provided to the participants.

In her interaction, which lasted for more than 16 hours, Dr. Muthukrishnan was extremely well received by the participants. Highly positive feedbacks were received from the participants on the workshop content, accommodation and hospitality.

