

**AICTE Sponsored Two Days National Seminar on  
APPLICATION OF BIOSTATISTICS AND USE OF SOFTWARE IN PHARMACEUTICAL RESEARCH  
(March 28-29, 2011)**

Organized by

**Shri B. M. Shah College of Pharmaceutical Education & Research,  
College Campus, Modasa, Gujarat, 383315**

**Report**

AICTE Sponsored two days National Seminar on **“Application of Biostatistics and Use of Software in Pharmaceutical Research”** was organized by Shri B. M. Shah College of Pharmaceutical Education & Research, Modasa on March 28 – 29, 2011. Hundred and twenty eight delegates comprising 27 teachers from fifteen colleges of Gujarat had attended this seminar.

On first day, (March 28, 2011) inaugural program was followed by registration and breakfast. Dr. N. M. Patel (Principal and Convener) had introduced the guests and welcomed all the participants. Dr. A. N. Shah the president of the M. L. Gandhi Higher Education Society, Modasa had inaugurated the seminar by lighting the lamp. Dr. Ashok Shanubhogue head department of Biostatistics, S. P. University had given key note address on ‘Application of Biostatistics and Use of Software in Pharmaceutical Research’. Dr. G. K. Jani, Principal, Pharmacy College, Silvassa had remained present as chief guest. Dr. M. R. Patel had given votes of thanks.

In first session after inaugural function Dr. G. K. Jani had given lecture on “Response Surface Methodology (Counter plots)” and its application in experimental design for optimization of dosage form. Mr. Bhavesh Barot, KBIPER, Gandhinagr had delivered a lecture on “Application of statistics in tablet compression technology”. Third lecturer was given by Dr. V. A. Patel, Professor, Vallabha Vidhyanagr, on “Application of Statistical Tool in Quality by Design (QbD)”.

In post lunch Session Dr. Ashok Shanubhogue and Dr. Dharmesh Raykundaliya from department of Biostatistics, S. P. University had given demonstration on SPSS Software, applicable for clinical study in pharmacology.

On the next day March 29, 2011 in first session Dr. P. M. Patel had presented lecturer on the topic “Sampling Technique” and explain the importance of sample and sampling

technique in experimental design. Dr. L. D. Patel from Surendranagar had delivered a lecture on “Artificial Neural Network and its Applications”. Third lecturer was given by Dr. Anita Lalwani from, KBIPER, Gandhinagr on “Data Analysis”. Dr. D. M. Patel form Mehsana had given a lecture on “Experimental Design in Pharmaceutical Research” and its application for optimization and interpretation of novel drug delivery system.

In post lunch session Dr. Jyoti Divecha from department of Biostatistics, S. P. University had delivered a talk on the topic “Pharmaceutical (Clinical Trial) studies through MINITAB Software” and demonstrated the software and introduced application of MINITAB in pharmaceutical research.

In the end of the seminar on March 29, 2011 at 4:00 pm Valedictory function was arranged. Mr. N. R. Modi Vice President of the M. L. Gandhi Higher Education Society, Modasa had presided over the function. Dr. M. R. Patel, Director, Restack Pharma, Ahmedabad was a chief guest and Dr. M. M. Patel, Principal, Kalol Institute of Pharmacy, Kalol was the guest of honour. Dr. M. S. Patel had given votes of thanks. After receiving the feedback from the participant certificates, study materials and CD were distributed to the delegates. All were departed after high tea.

