

**Bhujbal Knowledge City
MET's Institute of Pharmacy
Adgaon, Nashik 422 003**

Research Perspective in Analytical Method Development and Validation

Date of Event: 09/07/2016

Conducted by: Mrs. Madhuri Jain, Senior Research Officer, Glenmark Pharmaceuticals Ltd., Sinnar, Nashik

Report Prepared by: Dr. Sandeep S. Sonawane, Assistant Professor, MET's Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422 003

The Lecture was conducted for 3rd Semester M. Pharm students (QAT and Pharm Chem) Those conducting analytical research project.

In her lecture, madam has described the theoretical aspects of analytical method development with special consideration of HPLC method development. Also the brief overview of HPLC instrumentation was given and special emphasis was given on the column selection, mobile phase selection and selection of detector according to the type of analysis to be perform.

The lecture was extended to the method validation, where madam elaborated the common terminologies used in analytical method validation, regulatory importance and various regulatory agencies described analytical method validation.

Also madam asked students to put efforts in gaining theoretical knowledge about analytical chemistry and to correlate theoretical knowledge with practical things.

In the concluding session, students and faculty interacted with Mrs. Jain and asked her their queries. Finally the session was concluded with vote of thanks.

