

A Report on
“Training Program on Handling of Sophisticated Instruments”

Details of the Training-

Name of Trainer:

Mr. Rakesh U. Shelke,

Bhujbal Knowledge City, MET's IOP, Nashik.

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Email id: rshelke07@gmail.com

Date: 6th to 8th Oct. 2021

Time: 10.00 am to 12.00 noon

Location: IOP Instrument room

Mr. Eknath D.Ahire

Bhujbal Knowledge City, MET's IOP, Nashik.

Mob. +91 9588431965,

Email id: eknathahire05@gmail.com

Date: 6th to 8th Oct. 2021

Time: 13.00 pm to 15.00 pm

Location: IOP pilot plant

Students attended the training:

Second year M. Pharm students (Department of Pharmaceutical Chemistry, Quality Assurance Techniques, Pharmaceutics & Pharmacology)

Total Number = 38 students

Highlights of the Training:

A training on handling of Sophisticated Instruments of IOP Instrument room & pilot plant was organized by MET's Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik. The training is arranged for total 3 days in slot (morning – IOP Instrument room) & (Afternoon – Pilot plant)

Total 38 students from M. Pharm (Second year) had attended the training for 3 days.

The objective of this training was to acquire the knowledge related to Spectroscopic, chromatographic techniques, pharmaceutical equipments for their master's project.

A complete theoretical as well as practical knowledge on FTIR, UV-Spectrophotometer, HPLC, method development and validation parameters were explained during training session of analytical instrument handling. Valuable information about the modernized FTIR, UV, HPLC components, its pumps, column, auto sampler and detectors are imparted. HPLC is applied to separation and quantitation of components of mixture of compounds. Wide coverage is given to

fundamental concepts of laboratory operations in a lucid manner so that students will find the training as a useful reference for the day to day laboratory operations.

Students also made aware with the different pharmaceutical formulation development instruments available with pilot plant laboratory. They have undergone the training session on rotary tablet compression machine, FBD, Tablet Coater, High Pressure homogenizer, Probe sonicator, Capsule filling machine, Stability chamber and many more. We have also explored the different formulation characterization instruments like viscometer, pH meter, spreadability tester etc.

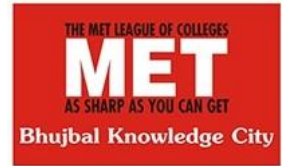
Now a day, handling of Sophisticated Instruments & software is an essential for industrial point of view. Students got an idea about the software and its parameters from this training session also satisfied with their queries from the trainers regarding their current research and curricular syllabus.

At last students had given quiz based on training given & online certificate were issued to students who qualify the quiz.

Photo gallery:



Bhujbal Knowledge City
MET's Institute of Pharmacy, Nashik 422003



Mr. Eknath D. Ahire
Trainer

Mr. Rakesh U. Shelke
Trainer

Dr. Sanjay J. Kshirsagar

PRINCIPAL
MET's Institute of Pharmacy,
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