



DEPARTMENT OF PHARMACEUTICAL ANALYSIS

KOMMAREDDY VENKATA SADASIVA RAO

SIDDHARTHA COLLEGE OF PHARMACEUTICAL SCIENCES

(Sponsored by: Siddhartha Academy of General & Technical Education) VIJAYAWADA-520010
ISO 9001:2015 Certified Institution, ph.no: 0866:2479775, 2493347, Email ID: Kvsrscops.analysis@gmail.com

PROCESS RECORD FOR ACADEMICS

Report on

FACULTY TRAINING PROGRAM

“Hands-on Training for Sophisticated Analytical Instruments”

Organized by

Department of Pharmaceutical Analysis

KVSR Siddhartha College of Pharmaceutical Sciences

Convener: Prof. A. Sunitha

Principal & HOD, Department of pharmaceutical analysis

Guest speaker and trainer: Mr. Anjaneyulu,

Technician from Shimadzu company

Faculty coordinator's: Dr M Vijayalakshmi, Assoc. Prof

Dr I Madhusudhana Reddy, Assoc. prof

Ms. T S Mrinalini, Assist. Prof

Key features: Hands on experience

Accurate and effective technologies

To refurbish the knowledge on equipment

Date: 16th February 2022

Time: 9:30 AM to 5:00 PM

**Venue: Central Instrumentation Room-Pharmaceutical Analysis Lab
and Pharmaceutics Lab**



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Introduction:

One day workshop for faculty, UG, PG students of Pharmacy and Science background, titled "***Hands on Training for Sophisticated Analytical Instruments***" was conducted by Department of Pharmaceutical Analysis, KVSr Siddhartha College of Pharmaceutical Sciences, on 16th February 2022. This Training Program was intended to provide basic understanding, operation and hands on training for sophisticated Analytical instruments like **High Performance Liquid Chromatograph (HPLC), Fourier Transform Infrared Spectrophotometer (FT-IR), UV-Vis Spectrophotometer.**

Proceedings:

The workshop got very good response and total 46 participants attended. The workshop was inaugurated by the principal & Head Dept. of Pharmaceutical Analysis **Dr. Prof. A. Suneetha** has emphasized on the need of Analytical Chemistry for the welfare of the world community. The faculty coordinators, Dr M Vijayalakshmi, Dr I Madhusudhana Reddy, and Ms. T S Mrinalini made welcome address focused on the need of chemical analysis of new products and the advances analytical instruments have made in these years and how much important it is to correlate the theoretical knowledge of these instruments with their practical handling. They also presented the list of instruments of different models and makes, change in technology and their application in various fields. Followed demonstration and handling of instrument training was given to all the teaching and non-teaching staff of various colleges and PG and UG students were also participated in this training under the supervision of respective faculty coordinators. **Mr. Anjaneyulu**, technician from Shimadzu company took charge in explaining the instrumentation and handling of HPLC with PDA detection and also given necessary guidelines and maintenance procedures for running of HPLC. Post training feedback was obtained from the participants.

An analysis of the responses highlighted that 87% of the participants felt that the overall program was excellent, 13% of them said it was very good. 100% of participants felt the workshop met their needs in an excellent / very good manner. Participants wished to have adequate time for in-depth into the above mentioned.

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Training on HPLC for students



Training oh HPLC PDA for teaching staff

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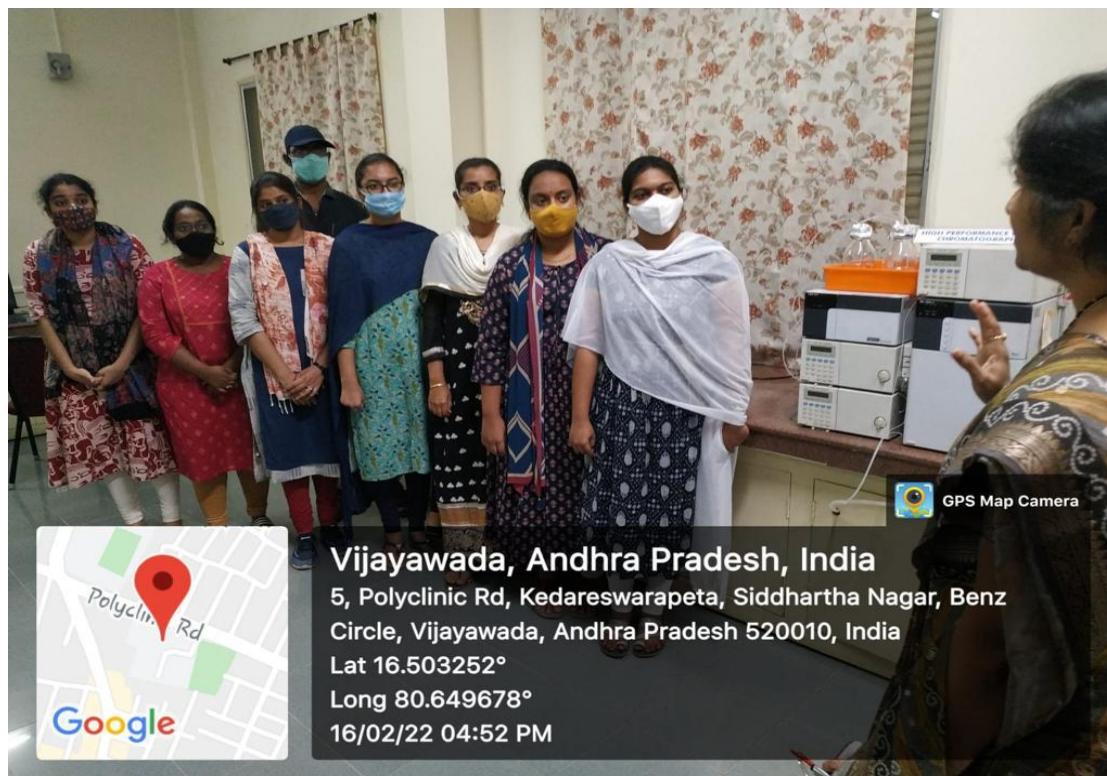


Hands on training on FTIR for teaching staff

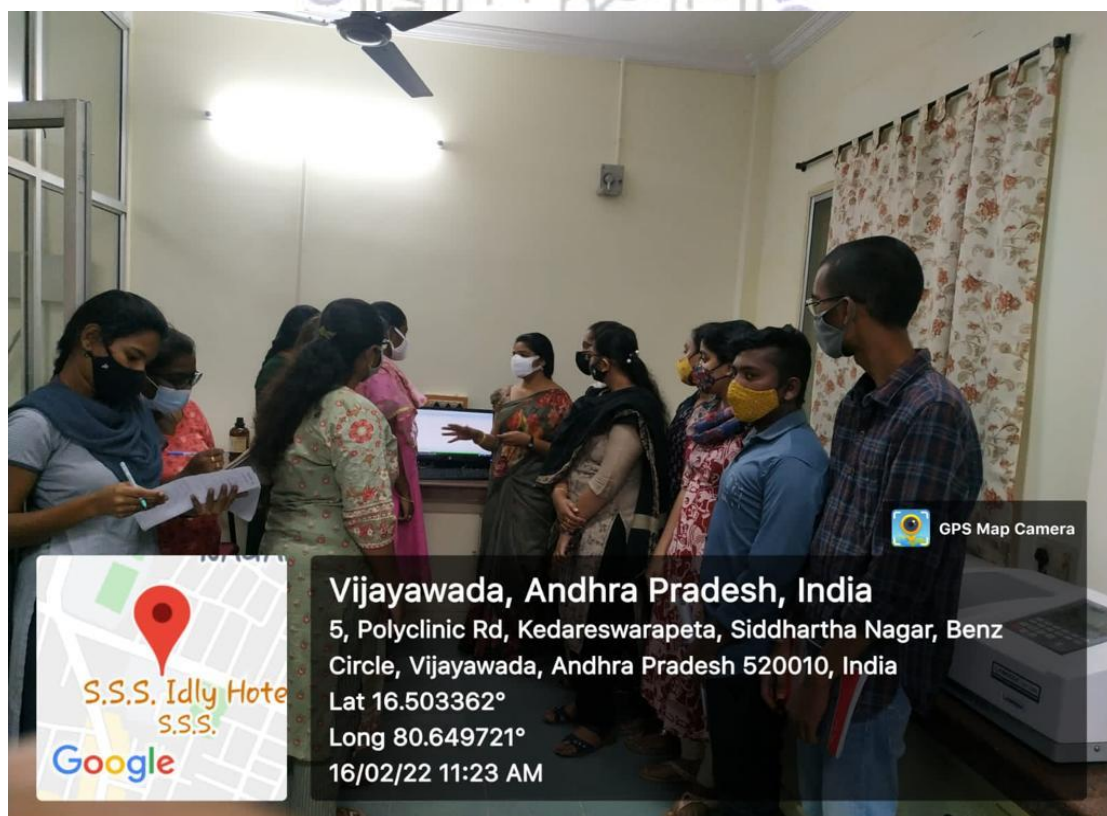


Training on UV- Vis Spectrophotometer for Lab Technicians

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Training on HPLC for M.pharmacy students



Training on FTIR for B.pharmacy students