



Maharashtra Educational Society
H. K. College of Pharmacy, Jogeshwari (W),
Mumbai, Maharashtra

Date: 15th Jan 2024

Title: Handling of sophisticated instruments

Objectives: Hands on training and Application of Flash chromatography, HPTLC, Rotary evaporator and Lyophilizer

Details of The Resource Person/Event: Dr. Saikat Malik (Shaprtek Consultant), Mr Shewtal khopkar & Mr. Manish Thakur (Buchi Pvt. Ltd)

Link for social media:

Instagram

Link: https://www.instagram.com/p/C2UVuQwIcGH/?utm_source=ig_web_copy_link&igsh=MzRIO DBiNWFIZA==

Facebook Link: <https://www.facebook.com/photo?fbid=809448764528101&set=pb.100063889549264.-2207520000>

LinkedIn Link: https://www.linkedin.com/posts/h-k-college-of-pharmacy-mumbai-303524222_one-day-workshop-and-seminar-was-organized-activity-7154413006221721600-sjSr?utm_source=share&utm_medium=member_desktop

Total no. of college students: 73

Total no of Faculties: 23

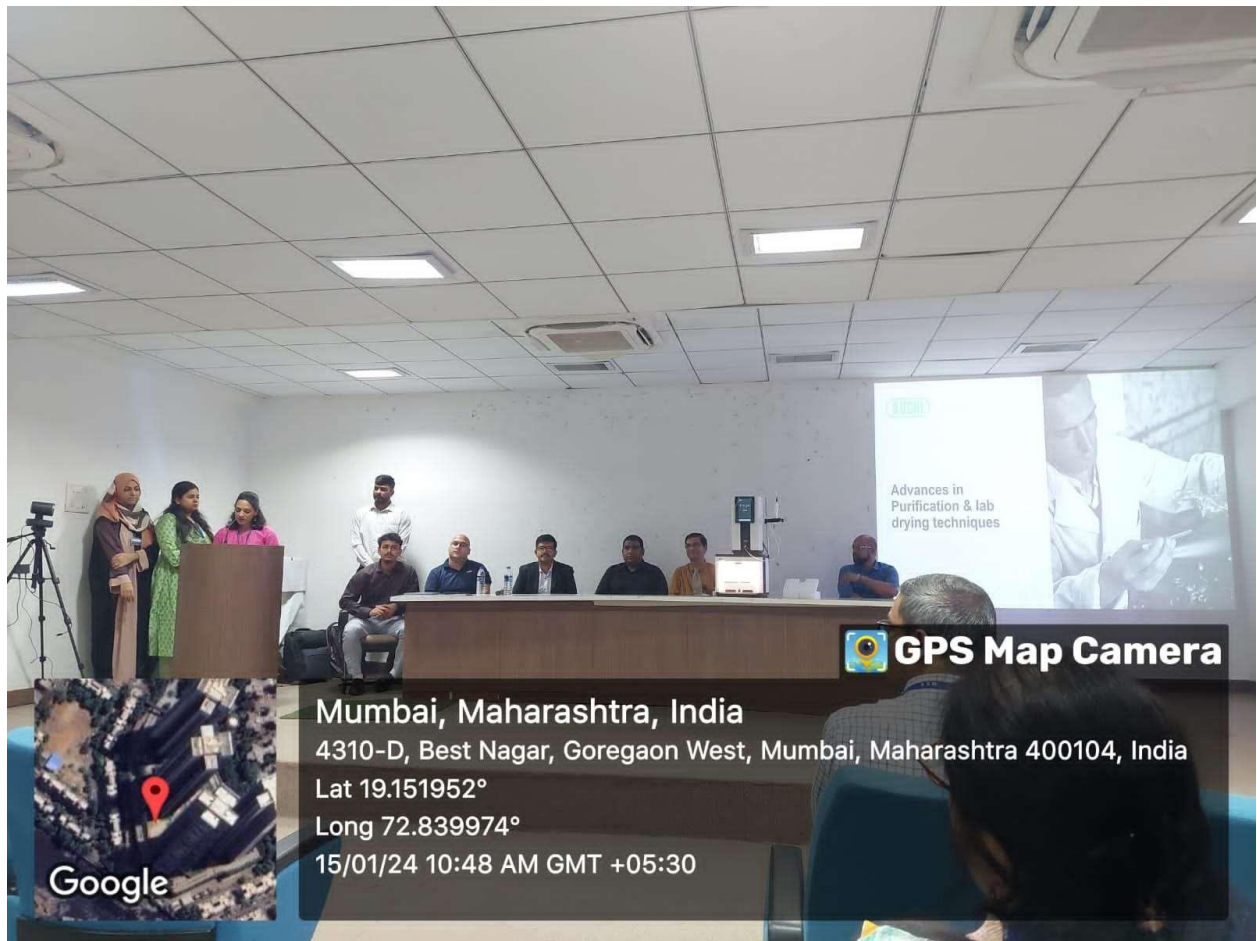
Key Outcome of the Activity/Lecture:

Key Highlights of the Activity/Lecture:

Mr. Manish Thakur explained the construction, working and showed live demonstration of Flash chromatography, Compact and space saving latest instrument with Integrated UV and ELSD Technologies. He also explained construction, working and application of HPTLC, Rotary evaporator and Lyophilizer through online mode. Shared insight on ease of use of HPTLC an extremely compact system with advantages of sample size, usage of less solvent system, Ability of running multiple samples. Rotary evaporator is an important equipment for separation, known as “ Rotavapor , Use of vacuum system helps in separation of solvents and other compound at lower temperature, faster evaporation takes place and saves time and is low maintenance and robust , it is fully automated with optimized system parameter and system can be monitored remotely via an app. Lyophiliser is freeze dryer with infinite control and automation for sublimation of product and compounds with all data record charts in real time. The Entire session was engaging and interactive with question and answer session before it was concluded with high tea and lunch.

Brochure/Photo Gallery:





Principal

Prepared by

Mrs. Shehnaaz Saksena

Dr. Tushar N. Lokhande

Event Coordinators:

Dr. Anagha Raut

Mrs. Rachel Britto