



Department of Medical Education
Himalayan Institute of Medical Sciences
Swami Rama Himalayan University
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HIMS/DME/2025/14

Date: 04.02.2025

CME

Date : 08.02.2025

Time: 03:30 PM – 04:30 PM

Day : Saturday

Venue: HLT-2, Charak (Lecture Hall)

Topic: “Pneumatic Transport System – ‘A groundbreaking method for automation in clinical laboratories.’”

Presenter: Dr. Anita Sharma
Professor, Department of Biochemistry, HIMS, SRHU

Abstract:


A pneumatic chute system, also known as a pneumatic tube system, is a crucial component of a smart clinical laboratory, designed to facilitate the rapid, secure, and efficient transport of clinical specimens within healthcare institutions. This system comprises an extensive network of interconnected tubes that utilize compressed air or vacuum pressure to quickly and safely transfer biological samples, between various hospital departments and the central laboratory for analysis.

By seamlessly integrating with digital tracking technologies and smart automation systems, pneumatic chutes enhance accuracy, efficiency, and security in sample transport. These systems significantly reduce turnaround time for test results, ultimately improving patient care, optimizing resource utilization, and enhancing overall laboratory operations.

All Faculty & Post Graduate Residents are required to attend the CME.

Department of: Biochemistry

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