

# B.VOC.MLT

## 2024-2025

The Department of Medical Laboratory Technology (MLT) organised a series of academic, awareness, and experiential learning activities during the Academic Year 2024–25 to enhance students' professional competence and social responsibility.

The academic year began with an Intra-Departmental Quiz on “**Microbes and Diseases**” conducted on 6th July 2024 for TYBVOC MLT students. The quiz aimed to strengthen students' conceptual knowledge in microbiology and encourage healthy academic competition. Students actively participated, demonstrating their understanding of disease-causing microorganisms and diagnostic approaches.



On 27th July 2024, a **Hepatitis and ORS Day Awareness Poster Presentation** was organised to raise awareness of preventive healthcare and the importance of oral rehydration therapy. Through creative posters and presentations, students highlighted causes, prevention, and management of Hepatitis and dehydration-related conditions—the activity successfully combined academic learning with community awareness.



The department also organized two insightful seminars by distinguished medical professionals. A Seminar on “**Significance of Blood Donation**” was conducted on 23rd August 2025 by Dr. Devang Shah, Pathologist and Blood Transfusion Officer, Anvishka Pathology Laboratory and Blood Bank, Ghatkopar. The session emphasized the importance of voluntary blood donation, blood safety, and the critical role of laboratory professionals in transfusion services.



Another seminar on “**Thalassemia: Pathophysiology, Clinical Manifestation and Social Awareness**” was delivered by Dr. Rishi Mehta, M.D. Pathology (RBM Pathology) and Dr. Shashikant Patil, M.D., DNB Immunohematology and Transfusion Medicine (Arpan Blood Bank, Bhandup). The experts provided in-depth knowledge about thalassemia, diagnostic procedures, treatment options, and the importance of public awareness and genetic counselling. The seminar enriched students’ understanding of haematological disorders and transfusion practices.

To provide practical exposure, educational visits were organised for students. On 13th January 2025, SYBVOC MLT students visited **Sir J.J. Mahanagar Raktpedhi (Blood Bank), Byculla**, where they observed the functioning of the blood bank, including storage, transportation, testing, and dispatch of blood bags. The visit helped students connect theoretical knowledge with real-life laboratory operations.

Additionally, TYBVOC MLT students visited **Cama and Albless Hospital, Fort** on 25th February 2025. During the visit, the staff of the Histopathology Department explained procedures related to the PAP test, including sample collection, staining techniques, and reporting methods. The session provided valuable insights into cytological diagnostic practices and laboratory standards.



Overall, the Department of MLT successfully conducted various academic and extension activities that fostered professional skills, practical exposure, scientific awareness, and social responsibility among students. The department remains committed to providing quality education and hands-on learning experiences to prepare students for careers in medical laboratory sciences.

Mrs. Mitali Sawant

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