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(एक राष्ट्रीय महत्व का संस्थान, विज्ञान और प्रौद्योगिकी विभाग, भारत सरकार)  
(An Institution of National Importance, Department of Science and Technology, Government of India)

## Report

The Department of Transfusion Medicine, Sree Chitra Tirunal Institute for Medical Sciences and Technology, in collaboration with the Transfusion Medicine Academic Society (TMAS), organized a three-day workshop titled “Plan IH – Let’s Talk Immunohematology” at the PMSSY Block of SCTIMST from 7th to 9th August 2025. Dr. Amita R. Nair was the Organizing Chairperson and Dr. Vinu Rajendran was the Organizing Secretary.

A total of 18 delegates participated, including 13 Post Graduate Residents, 4 Technicians, and 1 Faculty, representing Kerala, Tamil Nadu, Andhra Pradesh, and Maharashtra. The programme commenced with an introduction by Dr. Amita R. Nair, followed by an interactive session with delegates.

Each day consisted of short theory classes and extensive hands-on practical sessions. Delegates were divided into four teams for practical exercises. On Day 1, theory sessions covered Blood Grouping Discrepancy, Salivary Secretor Status and Adsorption and Elution techniques. Participants practiced resolving blood group discrepancies, demonstrating salivary secretor status, and performing heat and acid elution.

Day 2 featured lectures on Antibody Identification by 11-cell panel, Enzyme Treatment of RBCs, and DTT treatment. Practical sessions included antibody identification, phenotyping with Papainized red cells, and DTT-treated cells.

On Day 3, topics included Autoimmune Hemolytic Anemia (AIHA) and Hemolytic Disease of the Fetus and Newborn (HDFN), alongside practical demonstrations of Direct Antiglobulin Test (DAT), autocontrol at different temperatures and antibody titration.

The event concluded with a valedictory session and certificate distribution. The workshop successfully encouraged active interaction, skill development and networking among participants.







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