



Mercy College
Palakkad, Kerala, India 678006
Govt. Aided Arts & Science College
Affiliated to the University of Calicut
Accredited by NAAC with A Grade IV Cycle

Report on Workshop : “Chemical Kinetics: The Science of Reaction Rate and Mechanism”

Organized by Post Graduate and Research Department of Chemistry



Workshop on the topic “*Chemical Kinetics: The Science of Reaction Rate and Mechanism*” was organized by the Department of Chemistry, Mercy College, Palakkad on 12th November 2025. The programme aimed to enhance students’ understanding of the fundamental concepts of reaction kinetics and their practical significance in chemical research. The resource person for the workshop was Mr. Deepraj Pandit, Prime Minister’s Research Fellow from Indian Institute of Technology Palakkad. He delivered an insightful session covering key aspects such as reaction rates, rate laws, order of reactions, activation energy, and mechanisms of chemical reactions. The session also highlighted real-world applications of chemical kinetics in areas such as catalysis, environmental chemistry, and industrial processes. Twelve students actively participated in the workshop. The interactive nature of the session encouraged students to engage in discussions and clarify their doubts. The resource person also shared his research experience, motivating students to develop an interest in advanced studies and scientific research.


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