

REPORT

The IQAC and Department of Pharmaceutical Chemistry, National College of Pharmacy, KMCT Group of Institutions, organized a Hands-on Training on HPLC, Gas Chromatography and Advanced Analytical Instruments on 30th May 2026 for the faculty members of the department.

The training session was conducted by Dr. S. Kathirvel (Professor and Principal) an expert in analytical instrumentation and instrumental analysis. The programme was organized with the objective of enhancing the practical knowledge and technical skills of faculty members in handling sophisticated analytical instruments commonly used in pharmaceutical research and quality control.

During the session, Dr. Kathirvel provided detailed demonstrations on the principles, operation, method development, troubleshooting, and data interpretation of High Performance Liquid Chromatography (HPLC), Gas Chromatography (GC), and IR. The participants were given hands-on exposure to instrument handling, sample preparation, calibration procedures, and analytical data analysis.

The training was highly interactive and provided valuable practical insights that will support research activities, project work, and laboratory training within the department. The participants actively engaged in the session and clarified various technical aspects related to analytical instrumentation.

The programme concluded successfully with positive feedback from the participants, who appreciated the practical orientation and expertise shared by the resource person.