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DEPARTMENT OF CHEMISTRY (2025-2026)

Guest Lecture on "Polymers for Functional Materials"

A guest lecture on "**Polymers for Functional Materials**" was organized by the Department of Chemistry on 02.06.2026 at Dr.M.V Jayaraman auditorium. The lecture was delivered by **Dr. Lakshmi R.V., Principal Scientist at NAL, Bengaluru**, who is a distinguished expert in materials science. The program was attended by faculty members and around 320 first-year chemistry cycle students.



Figure 1: On the dias, Dr.Lakshmi R.V addressing the students in the auditorium

Dr.Lakshmi began the session by explaining the fundamental concepts of polymers and their classification. Emphasis was given to **functional polymers**, which possess specific physical, chemical, and electrical properties that make them suitable for specialised applications in the aerospace industry .

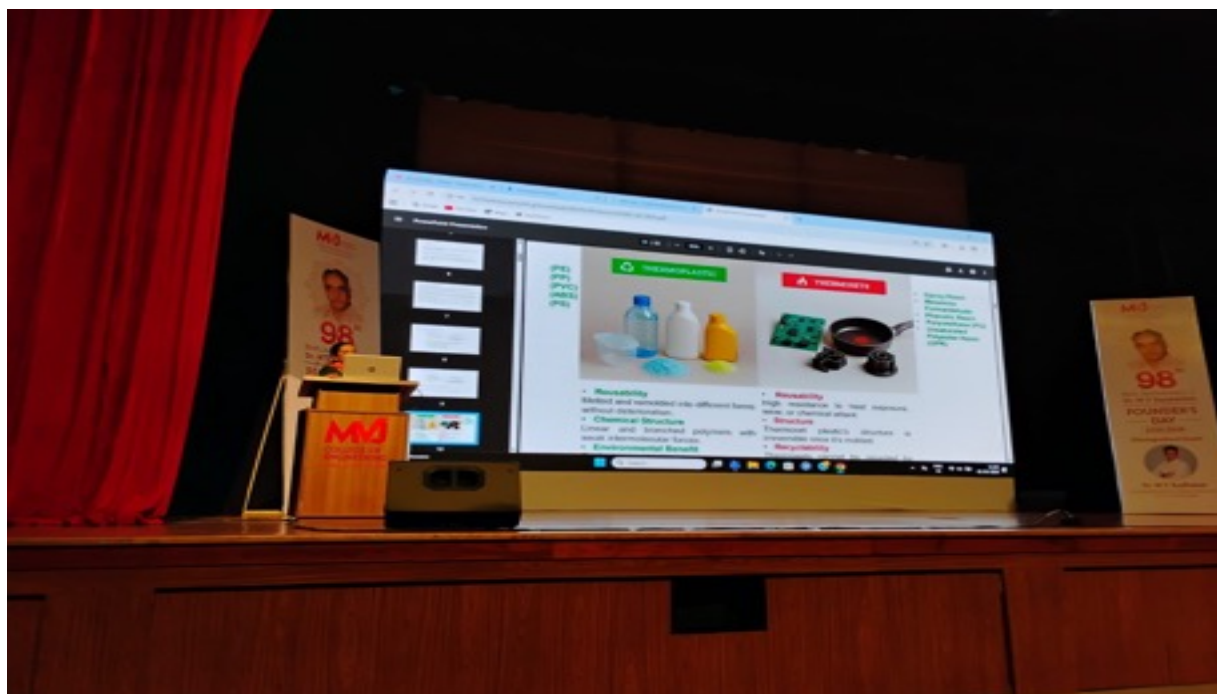


Figure 2: On the dias, Dr.Lakshmi R.V explaining the classification of polymers to students

The lecture covered the following key topics:

1. **Introduction to Polymers**
2. **Types of Functional Polymers**
3. **Applications**
4. **Recent Research Developments**

The speaker also shared several case studies and research examples demonstrating how functional polymers are transforming modern technologies.

Outcomes of the Lecture

The lecture enabled participants to gain knowledge of advanced functional polymeric materials. Understand the importance of polymers in emerging technologies. Appreciate the role of sustainable materials in modern society and develop interest in research and innovation in polymer science.