

## Educational Visit to National Dairy Mela and Agri-Expo 2026

The Department of Chemistry and Biotechnology, Kumari Vidyavati Anand College for Women, Karnal organized an enriching Educational Visit to the National Dairy Mela and Agri-Expo 2026 on March 07, 2026 for the science students. The visit aimed to provide students with first-hand exposure to the latest scientific innovations and technological advancements in the fields of dairy science, biotechnology, and sustainable agriculture.

The expo showcased a wide array of scientific exhibits and interactive stalls highlighting cutting-edge dairy technologies, milk quality testing techniques, and modern dairy processing systems. One of the major attractions was the demonstration of novel paper-strip based diagnostic tools capable of detecting E. coli, coliform bacteria, and their antimicrobial resistant (AMR) strains in milk, reflecting the growing importance of rapid microbial detection in food safety. Students also observed continuous ghee making plants, along with informative displays on fish farming and apiculture, emphasizing their significant role in enhancing rural livelihoods and promoting sustainable agricultural practices.

The event also featured exhibitions of indigenous and crossbred dairy cattle, along with innovative stalls demonstrating eco-friendly waste management techniques and advanced milk adulteration detection kits. These exhibits provided valuable insights into quality control, environmental sustainability, and modern dairy management practices. Students of M.Sc. Biotechnology and B.Sc. Life Sciences enthusiastically participated in the quiz competition organized during the Dairy Mela, where they actively answered scientific questions and demonstrated their academic curiosity and awareness.

The visit proved to be an extremely informative and inspiring experience, enabling students to interact with researchers, academicians, and industry experts. Such interactions broadened their understanding of recent scientific developments, emerging research areas, and career opportunities in STEAM fields. Overall, the educational visit served as a valuable platform for experiential learning, bridging the gap between theoretical knowledge and real-world scientific applications.





