

DEPARTMENT OF CHEMISTRY

SHYAM LAL COLLEGE, DELHI UNIVERSITY

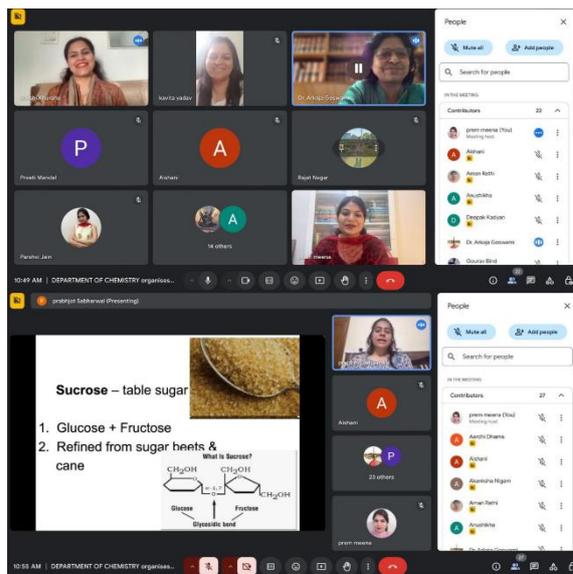
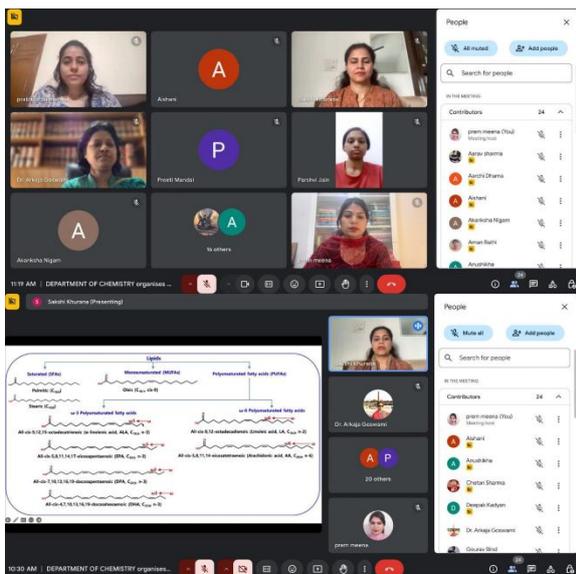
NAAC A++

Report on Symposium on 'Decoding Delicious: The Chemistry Behind Food'

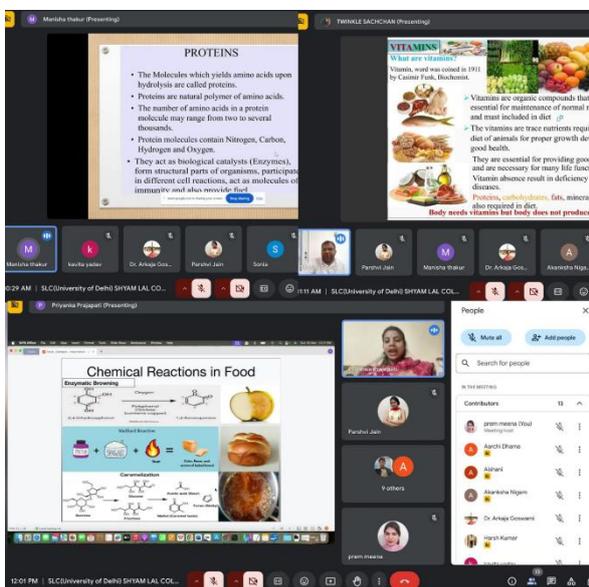
The Department of Chemistry, Shyam Lal College, Delhi University, organized a two-day symposium on *Decoding Delicious: The Chemistry Behind Food (29th-30th March, 2025)*. The event covered key aspects of food chemistry for B.Sc. (H) Chemistry and B.Sc. (P) Physical Sciences with Chemistry students, also attracting participants from various disciplines.

The poster is for a symposium organized by the Department of Chemistry at Shyam Lal College, University of Delhi. It features the college's logo and NAAC A++ accreditation. The text reads: 'SLC (University of Delhi) SHYAM LAL COLLEGE NAAC A++ Under the aegis of IQAC DEPARTMENT OF CHEMISTRY organizes SYMPOSIUM on Decoding Delicious The Chemistry Behind Food'. A QR code is provided for registration, with the text 'REGISTER HERE' above it. A central image shows a colorful collage of food, a microscope, and chemical structures. To the right, a speech bubble states 'E-CERTIFICATES will be provided to all the Participants'. At the bottom, the dates '29th-30th March, 2025', mode 'Google Meet', and time '10 a.m. onwards' are listed. The organizers are Prof. Arkaja Goswami (TIC & Convenor), Dr. Prem Lata Meena (Co-Convenor), and Prof. Rabi Narayan Kar (Principal).

The first day featured insightful lectures on the chemistry of fats and carbohydrates. **Dr. Sakshi Khurana** (Lady Irwin College, DU) explained *fats and lipids*, their structures, dietary roles, and health impacts. **Dr. Prabhjot Kaur Sabharwal** (Shaheed Rajguru College, DU) discussed *carbohydrates*, their classifications, digestion, and role in energy metabolism. The day concluded with student presentations showcasing research in food technology.



The second day focused on proteins, vitamins, and essential food components. **Mrs. Manisha Thakur** (Bhaskaracharya College, DU) covered **proteins**, their functions, and dietary sources. **Dr. Twinkle Kumar Sachchan** (Shaheed Rajguru College, DU) discussed **vitamins and minerals**, emphasizing their nutritional significance. **Mrs. Priyanka Prajapati**, a research scholar, elaborated on **essential food components** and their health benefits.



The symposium successfully enhanced students' understanding of food chemistry, encouraging further research in food science and technology.