



St. Francis

College for Women

Begumpet, Hyderabad-500016

(Autonomous & Affiliated to Osmania University)
NAAC Re-accredited with 'A' Grade 4th Cycle



जैवप्रौद्योगिकी विभाग

DEPARTMENT OF
BIOTECHNOLOGY

ST. FRANCIS COLLEGE FOR WOMEN, HYDERABAD

ACADEMIC YEAR 2023 - 2024

DEPARTMENT OF CHEMISTRY

Report on Guest Lecture on Theory of Quantitative Analysis

Date: 12-02-2024

Time: 9.30 am to 1.00 pm

Brochure:



The Department of Chemistry organised a guest lecture on the topic **Theory of Quantitative Analysis** under DBT STAR COLLEGE (Strengthening Component) for the B.Sc. students of I year (B.Z.C, BT.Z.C, M.P.C, BC, MB.C, BT, MB.C, BC.CA.C, BT.BC.C, AN.B.C & AN.Z.C). Around 250 students and 10 faculty members participated. The resource person for the event was Ms. Ayesha Kausar, Assistant Professor, Department of Chemistry, Shadan Degree and PG College for Women. The speaker delivered a detailed explanation on volumetric and gravimetric analysis with types of indicators, types of titrations, and various steps involved in gravimetric analysis.



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Objectives:

- To deepen students' comprehension of the theory of quantitative analysis, providing clarity on key concepts and methodologies.
- To foster practical skills by illustrating real-world applications, ensuring students can effectively apply quantitative analysis principles to solve complex problems in diverse contexts.

Outcomes:

- Participants will gain an understanding of the theory of quantitative analysis, enabling them to grasp and apply fundamental concepts more effectively.
- Attendees will be able to connect theoretical knowledge to real-world scenarios, facilitating the practical application of quantitative analysis in various domains.

Pictures:





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The session successfully enlightened how volumetric and gravimetric analysis is crucial in analytical chemistry, allowing for versatile and accurate determination of concentrations in various substances.