



## EXPERTS TALKS

On **22nd December, 2024** the **Department of chemistry** has organised a guest lecture to students of M.Sc, Organic chemistry on **Group Theory** to enhance learning through interactive discussions and real-world examples that can make learning more engaging and memorable.

**Prof Dr. P. Shyamala garu, Head of Dept of Chemistry, Andhra University** was invited as a guest lecturer to broaden students understanding and challenging their assumptions.





She explained the **Fundamental Concepts of Symmetry** elements including **Rotation axis, Plane of Symmetry, Inversion center** by using visual aids and **point groups (C<sub>n</sub>, C<sub>nv</sub>, D<sub>n</sub>)** and **character tables**.

She specifically mentioned how group theory is used to solve contemporary challenges in areas like **molecular spectroscopy, drug design** and **material Characterization**.

It was a good session for students to learn from an expert to gain real-world experience and develop essential skills for their future Careers.