

Shikshan Prasarak Sanstha's

**Padmabhushan Vasantodada Patil Mahavidyalaya,
Kavathe Mahankal.**

DEPARTMENT OF CHEMISTRY

Departmental Best Practice “Molecule of the Week”

The Chemistry Department proudly presents the “**Molecule of the Week**” activity, designed to spark curiosity and deepen students' understanding of molecular chemistry. Each week, a specific molecule, ranging from simple compounds to complex bio-molecules, is selected for in-depth exploration. Students are encouraged to study the molecule's structure, properties, synthesis, reactivity, and its significance in real-world applications such as medicine, industry, or the environment.

Throughout the week, participants conduct independent research, utilize available resources, and collaborate informally to share insights and findings. The activity culminates in a student-led discussion every Saturday, where participants present their perspectives, clarify concepts, and engage in thoughtful debates. Faculty members may also join to provide expert input and guide the conversation.

This initiative fosters analytical thinking, scientific communication, and a collaborative learning environment. By focusing on one molecule at a time, students gain a nuanced understanding of chemical principles in action. “Molecule of the Week” not only enhances academic knowledge but also fosters a passion for chemistry that extends beyond the classroom. All chemistry enthusiasts are welcome to participate, regardless of academic level, making it an inclusive and intellectually enriching experience for the entire department.