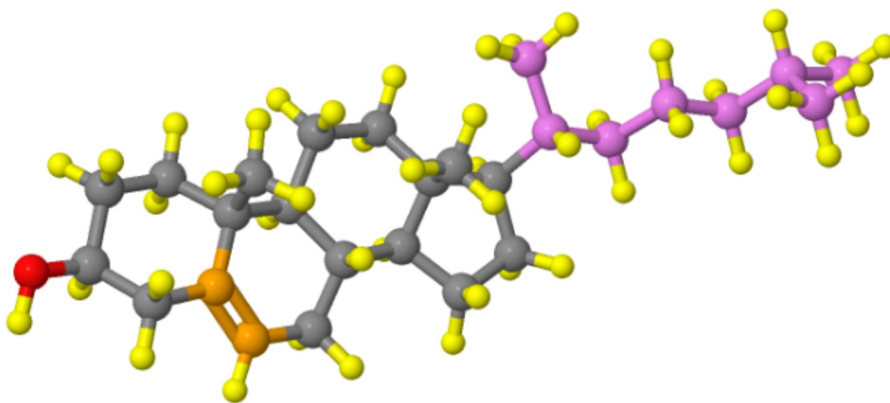


# 3 Day Online Workshop

## Jmol Application



**Jmol Application** is a free and open source software to view, create, and edit three-dimensional models of chemical structures, macromolecules (Crystal structures, Proteins, and Nucleic acids). It is compatible with Windows, Mac and Linux Operating Systems. It is useful for classroom teaching and presentations. Useful for students, educators and researchers in the fields of chemistry, biochemistry and pharmacy.

 <b>Workshop Dates:</b> 8 April 2021 - 10 April 2021	<b>Course Fee</b>	Student	Teachers/Faculty/ Academic Staff	Others
		INR 450/-	INR 950/-	INR 2950/-

**Who can attend?:** This workshop will be useful to the students, teachers/faculty, and working professionals from chemistry, biochemistry, biotechnology and pharmacy fields. Anybody with basic knowledge in chemistry and biochemistry are also welcome to join the workshop.

### Benefits of the Workshop:

- Learn to create and edit 3D models of chemical structures using Jmol Application.
- Learn about advanced features of Jmol Application useful in classroom teaching as well as other scientific and academic purposes.
- e-Certificate for attending the 3 day Jmol Application workshop.

### Syllabus for the workshop:

- Creating and editing 3D molecular structures
- Measurement of bond length, bond angles and dihedral angles
- Atomic and Molecular Orbitals
- Geometric and Conformational Isomers
- Symmetry and Point Groups
- Crystal Structures and Unit Cell Parameters
- Proteins and Enzymes
- Animations and generating GIF files
- How to incorporate Jmol views in PPT slides

Enrollment will be strictly online, and no other mode of application will be entertained. The last date of registration is **6 April 2021, 4:00 pm**

### Contact Us:

[eoutreach@it.iitb.ac.in](mailto:eoutreach@it.iitb.ac.in)



Scan QR  
to register

To register for the workshop [Click Here](#)

