CBSE/DIR./SE&T/JMOL/2020   06.09.2020

NOTIFICATION

Jmol Application Advanced Workshop on 12th September 2020

National Mission on Education through ICT (NMEICT), Spoken Tutorial, and FOSSEE, IIT Bombay are organizing an online **Jmol Application Advanced** workshop to enhance the knowledge on the usage of ICT tools for students, researchers, teachers, and industry employees/others.

Jmol Application is a 3D molecular viewer which is free and open-source software. It is compatible with Windows, Mac, and Linux Operating Systems.

Jmol Application is a free and open source software developed in Java to view, create, and edit three-dimensional models of chemical structures, macromolecules (Crystal structures, Proteins, and Nucleic acids). It is useful for classroom teaching and presentations. Useful for students, educators, and researchers in chemistry, biochemistry, and pharmacy.

Jmol Application Advanced workshop will be conducted on Saturday, 12th September 2020, 10.00 am to 5.00 pm.

Students, faculty, and working professionals from the chemistry, pharmacy, biochemistry, and allied fields who have a working knowledge of Jmol Application and are already well aware of the Jmol Application Spoken Tutorials available under the basic level can participate in this workshop.

The workshop will cover advanced topics in chemistry: Stereochemistry, Isomerism, molecular orbitals, 3D visualization for Proteins and nucleotides, Crystal structures.

Advantages of this workshop: You will learn to create 3D models of chemical structures for advanced topics in Chemistry & Biochemistry. You will learn to create animations and GIF files. You will receive a certificate for attending the Advanced Workshop. You can get selected as TA for the Beginner Level workshop.

All the necessary information about the Jmol workshop is available on this link: http://www.it.iitb.ac.in/nmeict/workshopContent.html?workshopid=9XWpf-8-IlSfb1KJMzYBHA

(Dr. Biswajit Saha)
Director (Skill Education and Training)

केन्द्रीय माध्यमिक शिक्षा बोर्ड
(मानव संसाधन विकास मंत्रालय, भारत सरकार के अधीन एक स्वायत्त संगठन)

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2. Mohd. Kasim Khan, Project Manager, National Mission on Education through ICT, Ministry of Education (formerly MHRD), Govt. of India, IIT Bombay, Powai P.O., Mumbai – 400076.

3. The Commissioner, Kendriya Vidyalaya Sangathan, 18-Institutional Area, Shaheed Jeet Singh Marg, Delhi-110016.

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12. The Secretary AWES, Integrated Headquarters of MoD (Army), FDRC Building No. 202, Shankar Vihar (Near APS), Delhi Cantt-110010

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16. In charge IT Unit with the request to put this circular on the CBSE Academic website

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