



## List of open-source & subscribed software support for advanced learning

Sl. No.	Name of software	Category	Version	Applications
1.	Ex-Pharm	Subscribed	NA	Study effects of drugs on different animal systems
2.	Cal-Pharm	Subscribed	2019	Experimental demonstration of pharmacology practicals
3.	QSAR MX	Open-source	1.0	QSAR analyses of the mixtures
4.	Accelrys Discovery Studio Visualizer	Open-source	21.1.0.20298	Viewing, sharing and analyzing protein and modeling studies
5.	AutoDock	Open-source	1.5.6	Molecular docking between drug-receptor studies
6.	Learnsoft	Subscribed	226	Interactive software to enrich English speaking experience.
7.	PaDEL	Open-source	2.21	Calculations of different descriptors for QSAR studies
8.	Avogadro	Open-source	1.2.0	Computational chemistry, molecular modeling and bioinformatics study
9.	QSAR-Co-X-master	Open-source	1.0.0	Prediction of statistical parameters in QSAR studies
10.	Non-linear regression tool	Open-source	1.0.0	QSAR studies
11.	Open3DQSAR	Open-source	2018	Pharmacophore exploration by high-throughput chemometric analysis of molecular interaction fields
12.	SimSearch	Open-source	1.0.0	Top-k similarity search over multi-attribute entity profiles.
13.	Desmond	Open-source	NA	Molecular dynamics

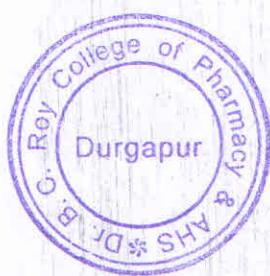


  
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The collage consists of four windows:

- QSAR-Co-X-master:** A screenshot of a web-based platform for QSAR modeling. It shows a user profile for "Dr. Amit Kumar Halder and Prof. M. Natalia D. S. Cordeiro" and a search interface for "QSAR-MI".
- ChemDraw 3D:** A screenshot of the Chem3D Pro software interface, showing a complex molecular structure.
- Cal-Pharm:** A screenshot of a software application for pharmacology experiments. It features a sidebar with icons for Equipment, Animals, Techniques, and Experiments, and a main panel titled "EXPERIMENTS" with a list of four categories: 1. Experiments related to Frog Heart, 2. Experiments related to Isolated Tissue Preparation, 3. Bioassays, and 4. Experiments related to Whole Animals.
- Discovery Studio:** A screenshot of the Discovery Studio software interface, showing a 3D molecular model of a protein-ligand complex.



  
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