

Features of GChem3D

Talk to a Teacher

<http://spoken-tutorial.org>

National Mission on Education through ICT

<http://sakshat.ac.in>

Madhuri Ganapathi

IIT Bombay

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Learning Objectives



Learning Objectives

We will learn to about



Learning Objectives

We will learn to about

- **Menu bar**



Learning Objectives

We will learn to about

- Menu bar
- File type formats



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- **Various Model types**



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System Requirement



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- **Ubuntu Linux OS v 12.04**



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- **GChemPaint v 0.12.10**



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Pre-requisites



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You should be familiar with



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- **GChemPaint**



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You should be familiar with

- **GChemPaint**
- **If not, for relevant tutorials, please visit <http://spoken-tutorial.org>**



Installation



Installation

GChem3D



Installation

GChem3D

- can be installed as a utility software of GChemPaint



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GChem3D

- can be installed as a utility software of GChemPaint
- **using** Synaptic Package Manager



GChem3D



GChem3D

- **GChem3D** is a 3 dimensional molecular structure visualizer



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- It is a utility feature of **GChemPaint**



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GChem3D

- **GChem3D** is a 3 dimensional molecular structure visualizer
- It is a utility feature of **GChemPaint**
- Structures drawn in **GChemPaint** can be viewed in **GChem3D**



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VRML File Format



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VRML File Format

- **VRML** is a text file format with **.wrl** extension



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- 3D modeling programs save objects and scenes in it



Summary

We have learnt about

- **Different Menus**
- **File type formats**
- **Model types**
- **Change background color**



Assignment

- 1 **Load Saccharide from GChemPaint and save the file in .mdl**
- 2 **Open the structure in Molecules viewer**
- 3 **Save image in PNG and PDF file types**
- 4 **Try various background colors**



About the Spoken Tutorial Project

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Spoken Tutorial Workshops

The Spoken Tutorial Project Team

- Conducts workshops using spoken tutorials
- Gives certificates to those who pass an online test
- For more details, please write to contact@spoken-tutorial.org



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- More information on this Mission is available at <http://spoken-tutorial.org/NMEICT-Intro>

