# Instruction Sheet for JChemPaint
## Spoken Tutorial Team
## IIT Bombay

## 1  Online / Offline content

1. The online content of Spoken Tutorials can be accessed from:
http://spoken-tutorial.org/tutorial-search/

2. You can also download the Spoken Tutorials for offline learning from:
http://spoken-tutorial.org/cdcontent/

3. From this link download the FOSS categories in the language you wish to learn.

4. The Spoken Tutorial content will be downloaded as a zip file on your machine.

5. Extract the contents of the zip file & access them.

## 2  The procedure to practise

1. You have been given a set of spoken tutorials and files.

2. You will typically do one tutorial at a time.

3. You may listen to a spoken tutorial and reproduce all the commands shown in the video.

4. If you find it difficult to do the above, you may consider listening to the whole tutorial once and then practise during the second hearing.

## 3  JChemPaint

1. Locate and open the folder called `spoken` in your computer (or ask your coordinator/instructor).

2. Right-click and open the file `index.html` using Firefox/Chrome browser. Do not open with Internet Explorer. IE may not render `Spoken Tutorials` properly

3. If any of the following steps does not work, please check the browser you are using. If you are using IE, please close it and reopen with Firefox/Chrome.

4. The `Side-by-Side Method` video appears by default. This explains an easy self-learning methodology. Listen to this tutorial first. You shall follow this method to learn `JChemPaint` using Spoken Tutorials.

5. At the top of the screen click on `"Select FOSS"` or `"All FOSS Categories"` drop-down and choose `"JChemPaint"`.

6. Click on `"Select Language"` or `"All Languages"` drop-down and choose the language (English, Hindi, Marathi ...) in which you wish to learn.

7. Click on `"Submit"` button.

8. You will see a list of tutorials based on your selection.

9. Start with the first tutorial in the displayed list.

## 4  First tutorial: Introduction to JChemPaint

1. Locate the topic `"Introduction of JChemPaint"` and click on it.

2. This tutorial explains about JChemPaint and interface and how to draw molecules.

3. To view the tutorial, click on the `Play` icon which is located in the player.

4. The `Pre-requisite` will be visible below the player (only for Online contents).

5. `Outline, Assignments, Code Files and Slides` are available below the player.

6. Adjust the size of the browser in such a way that you are able to practice in parallel.

7. @10.02 min in the video, check-boxes of the Preferences window are unchecked. While practicing the learner may uncheck the boxes if they are checked by default.

### 4.1  Common Instructions to practise

1. Create a folder on the `"Desktop"` with your `"Name-RollNo-Component"`.
(Eg. `"madhu-04-Jchempaint"`).

2. Give a unique name to the files you save, so as to recognize it next time.
(Eg. `"Practice-1-madhu"`).

3. Remember to save all your work in your folder.

4. This will ensure that your files don't get overwritten by someone else.

5. Save your work from time to time, instead of saving it at the end of the task.

## 4.2   Common instructions for Assignments

1. Attempt the `Assignments` as instructed in the tutorial.

2. Save your work in your folder.

## 4.3   Common instructions to use Code files

1. Click on the link `"Code files"` located below the player and save it in your folder.

2. Extract the downloaded zip file.

3. You will see all the code/source files used in the particular tutorial.

4. Use these files as per the instructions given in the particular tutorial.

5. Play-pause-practise the whole tutorial.

6. Once the tutorial is complete, choose the next tutorial from the playlist which is located on the right side or below the player.

7. Follow all the above instructions, till you complete all the tutorials in the series.