Spoken Tutorials for the following Free Libre and Open Source Software (FLOSS) are available for ICT training in schools.

These tutorials will be useful for school teachers/students to familiarize with basic ICT tools in all major subjects.

Some of these FLOSS can be used as teaching tools in classroom teaching. They can aid in making difficult concepts easy and interesting.

Courses are available in 15 regional languages, for ease of learning.

### How does a School join

- User fee of ₹5000/year paid up
- Obtain School kit with Course DVD and Manual plus live training to Teacher
- Follow-up by IIT Bombay team to help 24x7

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Learn Free Libre and Open Source Software through Spoken Tutorial  
[https://spoken-tutorial.org](https://spoken-tutorial.org)

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Basic IT Skills

Introduction to Computers
It is a series of videos intended for first-time users, who wish to learn how to use computers for day-to-day activities.

LibreOffice (Writer, Calc, Draw and Impress)
Useful for creating documents, slides for presentation and drawing
Open source alternative for Microsoft Office Suite

KTurtle
KTurtle is an educational programming environment that teaches the basic concepts of programming

Tux Typing
Typing tutor created especially for children

Animation and Graphics

Inkscape
Vector graphics editor to create technical drawings, graphics, clip art, etc.

Blender
3D graphics application to create interactive 3D applications, video games, animated film or visual effects

Synfig
2D animation software

Programming Languages

Python
A programming language used for web development, software development and scientific computing

C and C++
An object-oriented programming language used in web and desktop applications

Java
An object-oriented language used for mobile applications, web applications, web servers and games

Information Technology

RDBMS - PostgreSQL
A powerful, open source relational database system

Arduino (Basic Level)
Arduino is an open source platform used for building Electronics projects

HTML
Predominant markup language for web pages, basic building-blocks of webpages

Geography

Marble
Marble is a 3D virtual globe application and geographical atlas. It is an interactive globe which has planets, stars and other celestial bodies.

Mathematics

PhET Simulations for Mathematics
These simulations help students to comprehend Math concepts through the use of graphics and interactive animations

Grace
It is a program for plotting 2D graphs. Users can choose line style, color, symbols, and fit data.

GeoGebra v5.04
Interactive software for Algebra and Geometry

Science - Physics

ExpEYES
It is a device to perform basic Physics and Electronic experiments

PhET Simulations for Physics
These simulations help students to comprehend Physics concepts through the use of graphics and interactive animations

Apps on Physics
Apps on Physics are simulations that help us to understand the basic concepts of Physics.

Science - Chemistry

Jmol Application
Shows chemical structures and macromolecules in 3D, Measures bond angles, bond lengths and shows stereoisomerism

ChemCollective Virtual Labs
Chemistry Lab Simulation for practical Chemistry lab experiments

PhET Simulations for Chemistry
These simulations help students to comprehend Chemistry concepts through the use of graphics and interactive animations

Avogadro
3D viewer, Molecular Mechanics calculations and Energy Minimizations

GChemPaint
Only for Linux machines, 2D drawings of Chemical structures

Science - Biology

PhET Simulations for Biology
These simulations help students to comprehend Biology concepts through the use of graphics and interactive animations

Jmol Application
Shows 3D structures of Biomolecules (Proteins, DNA, RNA, etc.)