Learn Free and Open Source Software through **Spoken Tutorial**

spoken-tutorial

in association with
Department of Computer Application,
St. Edmund's College,
Shillong.

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WHAT IS SPOKEN TUTORIAL?

Spoken Tutorial is a multi-award winning educational content portal. Here one can learn various Free and Open Source Software all by oneself. These self-paced, multi-lingual courses ensure that anybody with a computer and a desire for learning, can learn from any place, at any time and in a language of their choice. The courses are simple and easy to follow even for a beginner but they also meet the growing needs of the learner. These engaging digital content ensures that learning happens at all levels - Basic, Intermediate and Advanced. Our content mandates side-by-side practice thereby ensuring that learners are actively learning.

Courses OFFERED

End-of-Course online tests and certificates are available for those who wish to test their expertise in a particular software. These certificates give an edge to students during placement by increasing their employability potential.

Course #1
Android app using Kotlin

Google has announced Kotlin as an official language on Android. Kotlin, is a statically typed programming language for the JVM, Android and the browser. It is expressive to make your code more readable and understandable. Useful for anyone who wants to learn how to make an Android app.

Course #2
Arduino

Arduino is open source hardware, software and micro-controller based kit. It is used for building digital devices and interactive objects that can sense and control physical devices.
Useful for UG/PG Electronics students and professional.

Course #3
Avogadro

Avogadro is a free and open source, advanced molecule editor and visualizer designed for cross-platform use in computational chemistry, bioinformatics, etc. It offers flexible high quality rendering.
Useful for UG/PG Chemistry and Bioinformatics students.

Course #4

Biopython

Biopython is a collection of Python tools for computational biology, bioinformatics. Biopython contains modules and classes to represent protein sequences, nucleic acid sequences & sequence annotations. Useful for UG/PG Bioinformatics students.

Course #5

Chemcollective Virtual Labs

ChemCollective Virtual Labs is a simulation of a chemistry laboratory. It allows students to explore and reinforce fundamental concepts, select various standard reagents (aqueous) and use them as they would in a real laboratory. Useful for Chemistry students from 9th standard onwards.

Course #6

GeoGebra 5.04

Interactive Geometry, Algebra and Calculus application. Very useful to teach and learn abstract geometry concepts. Useful for students (7th standard and above) as well as school teachers.

Course #7

GIMP

Graphics art & design software application for the editing and creation of original images, icons, graphical elements of web pages and art for user interface elements. Useful for all graphic related work. Open source equivalent of Photoshop. Useful for students who wish to learn photo editing and create graphics.

Course #8

LibreOffice Suite

Trains in basic computer usage skills like Word processing, spreadsheet, presentation using the LibreOffice components Writer, Calc and Impress. One can also learn other useful components like Draw, Math and Base in this series. Useful for students or anyone who wishes to learn to use an OFFICE suite.

Course #9

Java and Netbeans

Learn to use Java
Free and open source, high level, simple as well as object-oriented programming language.
Learn to use Netbeans IDE
NetBeans IDE is an open-source integrated development environment. NetBeans IDE supports development of all Java application types.
With Netbeans IDE, one can quickly and easily develop desktop, mobile and web applications with Java, HTML5, PHP, C/C++ and more.

Course #10

HTML

HTML elements form the building blocks of all websites. HTML allows embedding of images and objects and is extensively used to create interactive forms and web pages. Useful for UG/PG students, working professionals.

Course #11

Python 3.4.3

Numerical computational software for Science and Engineering Education - used in 3D animation and Gaming industry, Artificial Intelligence, YouTube, NASA, CERN, Yahoo and so on.
Useful for UG/PG CSE/IT/CS students.

Course #12

Scilab

Mathematical and scientific calculation software, open source substitute for MATLAB, very useful for all science and engineering students, in academics particularly.

How to Register?

- Click on the link below
  https://forms.gle/NHSdujHZqaZUzvY99
- Fill in the form with all the correct information.
- Select the course(s) you want to enroll in.
- Submit the form.
- Wait for an email for selection into the course.
- You are ready to get started!

STUDENTS CAN ENROLL IN MORE THAN ONE COURSE.

END-OF-COURSE ONLINE TESTS WILL BE CONDUCTED.

CERTIFICATES WILL BE GIVEN ONCE THE COURSE IS COMPLETE.

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